

Donna Mayfield

From: sfogarty771@verizon.net
Sent: Monday, March 18, 2019 7:45 PM
To: Paul D. Trampe; Gary Skinner; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross
Cc: Mark Taylor; Wanda Parrish; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

I'm a resident of the Livingston District and strongly opposed to sPower's proposed utility solar plant. This would be 5 times larger than any other solar facility in Virginia! Why does sPower want to make us the guinea pig? Start small and see how it works. Also it's a money loser for the county. Declining tax revenue.

Please vote NO. Thank you,

Anita Fogarty
Livingston District

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Donna Mayfield

From: Heather Acors <heatheracors86@gmail.com>
Sent: Monday, March 18, 2019 10:03 PM
To: David Ross; Thomas G. Benton; Timothy J. McLaughlin; Mark Taylor; Paul D. Trampe; concernedcitizensspotsylvania@gmail.com; Chris Yakabouski; Gary Skinner; Kevin Marshall; Wanda Parrish
Subject: Re: Save our county! DENY SPOWER!

Here is an amazing article you all should take a look at before making anymore decisions! Is this what you want Spotsylvania County to look like ina few years?

<https://wtvr.com/2018/02/09/essex-county-solar-farm-sediment-runoff-is-an-enforcement-case/>

On Mon, Mar 18, 2019 at 7:07 PM Heather Acors <heatheracors86@gmail.com> wrote:

I have lived in Spotsylvania county my entire life 32 years, my family has 3 generations that have grown up here. My grandparents lived here their entire lives 84 and 86 years old! I have always known Spotsylvania County to be a beautiful "country" County. I am now raising my three children in the Livingston District and I am terrified for their future. Bringing a company here that is going to destroy our beautiful county is not what we want. Spotsylvania county has a lot to offer but SPOWER is NOT it! Please think about our children and their futures. We have all seen the photos and heard the horrible stories of what this could be years to come. Our children will have to live with this mistake if you approve them and SPOWER fails years down the road. Where are all of those panels going to go? Livingston landfield? I live on Hebron Church Rd. Livingston landfield is right through my woods and my kids attend livingston elementary school. How will this affect their health? Please think about the animals that will lose their homes you're going to take away their habitat. You each were selected by Spotsylvania citizens to represent and be a voice for us please vote wisely!

Heather Acors

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Donna Mayfield

From: Heather Acors <heatheracors86@gmail.com>
Sent: Monday, March 18, 2019 7:08 PM
To: David Ross; Thomas G. Benton; Timothy J. McLaughlin; Mark Taylor; Paul D. Trampe; concernedcitizensspotsylvania@gmail.com; Chris Yakabouski; Gary Skinner; Kevin Marshall; Wanda Parrish
Subject: Save our county! DENY SPOWER!

I have lived in Spotsylvania county my entire life 32 years, my family has 3 generations that have grown up here. My grandparents lived here their entire lives 84 and 86 years old! I have always known Spotsylvania County to be a beautiful "country"

County. I am now raising my three children in the Livingston District and I am terrified for their future. Bringing a company here that is going to destroy our beautiful county is not what we want. Spotsylvania county has a lot to offer but SPOWER is NOT it! Please think about our children and their futures. We have all seen the photos and heard the horrible stories of what this could be years to come. Our children will have to live with this mistake if you approve them and SPOWER fails years down the road. Where are all of those panels going to go? Livingston landfill? I live on Hebron Church Rd. Livingston landfill is right through my woods and my kids attend livingston elementary school. How will this affect their health? Please think about the animals that will lose their homes you're going to take away their habitat. You each were selected by Spotsylvania citizens to represent and be a voice for us please vote wisely!

Heather Acors

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Donna Mayfield

From: Elizabeth Alexander <elizabethalex57@gmail.com>
Sent: Monday, March 18, 2019 6:07 PM
To: Paul D. Trampe; Gary Skinner; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Deny S Power. Vote NO

We are residents of the Livingston District and believe there is no benefit to Spotsylvania County for the S Power solar power project, only risks. Vote NO!

David and Elizabeth Alexander
Livingston District

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ALEXANDER SAGUN - COMMENT ARTICLE IN FLSTAR YESTERDAY

Donna Mayfield

From: Michael Anastasio <anastasio262@gmail.com>
Sent: Monday, March 18, 2019 8:01 PM
To: Wanda Parrish; Mark Taylor; Concerned Citizens
Subject: Save our county: Deny sPower

Dear Ms. Parrish and Mr. Taylor,

I'd like you to know that I recently sent the following note to the BOS.

To paraphrase Edmund Burke, the only thing necessary for the triumph of bad ideas is for good men to do nothing. Your decision to deny sPower matters, and matters, and matters for the next 100 years +.

Respectfully submitted with gratitude for all you have done and will continue to do. You can count on me gentlemen and I know that I can count on you.

Michael A. (Mike) Anastasio
Colonel, U.S. Army (Ret)
Proud to be a Spotsylvania Resident, Proud to be a Vietnam Veteran, and Proud to be an American

--

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Donna Mayfield

From: Kate Anthony <katehammond@gmail.com>
Sent: Tuesday, March 19, 2019 12:41 AM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save Our County - DENY sPower

Remember why you were elected - to make a difference in your community as a whole. It's your time to step up and act on this. It is time to defend your county and its people so that this can remain a very special, historical, and beautiful place to live.

As has been demonstrated, there is NO benefit to Spotsylvania from the SPower solar plant. There is only risk, and lost tax revenues.

I urge you to DENY sPower.

Kate Anthony

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Donna Mayfield

From: Yvonne Athanasaw <drvonnie@aol.com>
Sent: Monday, March 18, 2019 6:01 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner
Cc: Wanda Parrish; Mark Taylor
Subject: Save our county: DENY sPower

I am requesting that you vote NO on sPower's request to install a 550 MW solar facility in our county. This is an experiment that our county cannot afford. There is no precedent for this. sPower has NEVER built such a facility in an environment such as ours - residential, agricultural, farmland, historical - with earthquakes, hurricane winds, mini derechos, ice storms, snow, thunderstorms, and hail storms. None of us know how this will turn out.

Please seriously consider the unintended consequences of a vote of yes and vote NO.

Thank you.

Dr. Yvonne Athanasaw
Resident of Livingston District
540-412-5655

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Donna Mayfield

From: Barbara Chamberlain <bchamber@mccormickgroup.com>
Sent: Tuesday, March 19, 2019 5:36 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor
Subject: NO SOLAR MEGA PLANT

We are residents of the Livingston District and request that you DENY sPower and not allow their MEGA plant here. It's too big and in the wrong location! The MEGA plant should not be close to homes/watershed.

SOLAR POWER IS OLD – IT WON'T BRING REVENUE – IT'S A HEAT MAGNET FOR DISASTERS TO OUR COUNTY! NOT A GOOD POWER CHOICE FOR VIRGINIA! We do NOT want sPower in our County!

Thank you!

Barbara

Barbara Chamberlain McCormick
Controller
The McCormick Group, Inc.
Corporate Offices
1440 Central Park Blvd., Suite 207
Fredericksburg, Va 22401
Main Phone: (540) 786-9777
Direct Line: (540) 786-9266
Fax: (540) 786-9355

<http://www.mccormickgroup.com>

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Donna Mayfield

From: Dbaqaie <dbaqaie@yahoo.com>
Sent: Monday, March 18, 2019 6:24 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: DENY Spower

I am a resident of Livingston district and I urge you to DENY Spower!!

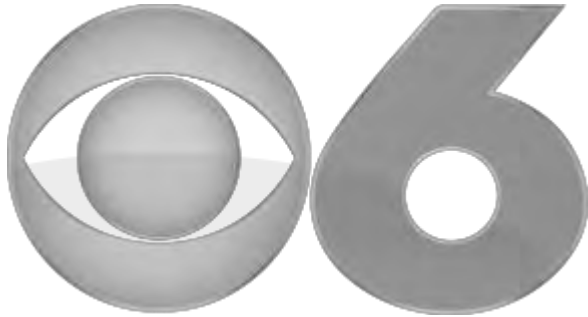
Diana Baqaie
LIVINGSTON DISTRICT
Sent from my iPhone

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Essex County solar farm sediment runoff is ‘an enforcement case’

Posted 11:10 pm, February 9, 2018, by [Mark Holmberg](#), Updated at 12:36AM, February 11, 2018



This is an archived article and the information in the article may be outdated. Please look at the time stamp on the story to see when it was last updated.

ESSEX COUNTY, Va. -- The tons of muddy runoff escaping into the watershed below the new Essex County Solar Power Center is “an active enforcement case that will result in financial penalties,” said a spokesperson with the state Department of Environmental Quality.

Last night [we showed you](#) part of Sunday’s sediment runoffs from the 200-acre project by Coronal Energy of California just off Tidewater Trail and Muddy Gut Road. That 20-megawatt solar field will feed Dominion Energy’s grid.

The runoffs have been “severe,” said Wyn Davis, Essex County Building Official and Environmental Compliance Officer. “There’s not a soul in the county happy about this.”

The problem is clear. What went wrong isn’t.



The Department of Environmental Quality, which approved the design plan, will be investigating, said DEQ spokeswoman Ann Regn.

“Our regional office is monitoring the situation closely,” she said in a statement. (See full statement below.)

DEQ has issued multiple notices of violations in August and September, she said, and more are expected for more recent discharges into wetlands and streams.

The key contractor on the Coronal Energy project, McCarthy Building Companies, is doing all it can to fix the situation, Davis said.

He believes an issue was bulldozing retention ponds in preparation to finishing the project - before the planted native vegetation had grown.

An updated statement from Coronal Energy Friday (see full statement below) said unexpected weather conditions prevented the vegetation from growing in sloped areas.

Sediment control and cleanup measures are in full gear, the statement said.

The runoff has impacted Muddy Gut Creek, which feeds into the nearby Rappahannock - all protected by the Chesapeake Bay Act.

Lifelong nearby resident Gary McCauley, 63, said he's never seen anything like it.

"Never," he said. "Not in my whole lifetime. Even after a hurricane."

The sediment runoff will have to be cleaned up, said Davis with Essex County. The project has a \$396,000 sediment control bond, he added.

More developments are expected in this case, including heavy rain forecast for this weekend.

Friday's statement from DEQ:

"This is an active enforcement case that will result in financial penalties. Our regional office is monitoring the situation closely. DEQ has issued multiple notices of violations (NOVs) from both the stormwater construction program and Virginia Water Protection permit program for discharges into wetlands and streams in August and September 2017. There is a proposed consent order out for public comment that includes \$9100 in civil charges to resolve noncompliance with the construction general permit. Another NOV is expected to be issued next week for erosion and sedimentation impacts that occurred in January caused by the removal of sediment traps for final grading."

Joint statement from Coronal Energy and McCarthy Building Companies:

"As leading renewable energy companies, Coronal Energy and McCarthy Building Companies are committed to delivering projects in an environmentally responsible way which entails months of planning and coordination with county and state agencies.

As with all of our solar projects, a Sediment and Erosion Control Plan and a Stormwater Pollution Prevention Plan were prepared by a 3rd party engineer located in the state of Virginia. The plans were then submitted and approved by the state of Virginia prior to the start of construction. The Stormwater Pollution Prevention plan was verified in place by a state certified 3rd party stormwater consultant with expertise in the local geography. This same consultant conducted site inspections as required by the State.

Best Management Practices (BMPs) were installed on the project as a means of dealing with sediment control. BMPs involving temporary sediment containment measures included: sediment traps, silt fence, diversion ditches, check dams and temporary basins to manage sediment runoff at the site. Temporary sediment control measures were put into place throughout the construction of the project, but were compromised due to the ground becoming over-saturated and heavier than normal rainfall.

At the start of construction, meetings were held with the county inspector regarding implementation of the plan and the Virginia Department of Environmental Quality (DEQ) began regular inspections. Over the term of the project's construction, DEQ provided feedback and the project team worked to meet their requests. Upon substantial completion of the project, steps were taken to stabilize the soil as called out in the plans; however, due to high volumes of rain and snow these efforts were expanded upon and additional recommendations will be provided following an inspection by another 3rd party engineer who specializes in sediment control. This inspection will occur the week of 2/12.

Typically, the most effective sediment control mechanism is re-generation of native vegetation. Although the site was seeded with native vegetation, which has been growing in the flat areas of the site where the trackers are located, conditions prevented it from growing in the sloped areas where over-saturation, cold weather and heavier than normal rainfall is having an impact.

We will re-seed again, but warmer weather is required for full germination, therefore the temporary sediment control measures are being expanded and clean-up efforts are in full-gear to help manage sediment run-off at the site. And, additional efforts will be implemented based upon the recommendations that are received following the inspection by the engineer next week.

Additional temporary measures are continuing to be installed and maintained on an on-going basis, and are happening in advance of next week's site evaluation."

Donna Mayfield

From: Brenda Barker <brenda.barker411@icloud.com>
Sent: Monday, March 18, 2019 10:03 PM
To: Wanda Parrish
Subject: Fwd: This eye sore !!

Sent from my iPhone

Begin forwarded message:

From: Brenda Barker <brenda.barker411@icloud.com>
Date: March 18, 2019 at 9:59:51 PM EDT
To: concernedcitizensspotsylvania@gmail.com
Subject: This eye sore !!

This eye sore

tion



on, also known as a solar
ovoltaic system designed
power into the electricity

Will greatly affect this life :



Sent from my iPhone

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Donna Mayfield

From: Brenda Barker <brenda.barker411@icloud.com>
Sent: Monday, March 18, 2019 9:29 PM
To: Wanda Parrish
Subject: No solar farm

I have lived in this county since the late 70's this area is my home . I've lived out here on West Catharpin Rd since the 1995 and I moved out here to enjoy life , to raise my kids , I wanted them to live in a place that was free of sidewalks and the craziness of living in town .. fresh air and wildlife ... they watched squirrels playing in the yard , watched deer up and listen to the birds , and even a woodpecker now and then ... and I wanted my 3 grandkids to enjoy time out here to ... we bought this property with our children and future grandkids in mind . This is the only home my kids have ever known they were 4 and 8 when we moved out here we've had a great life and we should still be able to enjoy this life and share it with our family . The solar farm bring nothing but gloom to our area the environment will be greatly at risk , I was lucky enough to survive cancer because it was caught early .. I don't know what health risk this farm could cause me or my neighbors.. I have been a resident in this county for along time ... I work in the county and I pay my taxes and I am a registered voter a vote for the solar farm could be detrimental to our area and worse comes to worse my neighbors and I can take our tax dollars elsewhere by moving out of the county .

Brenda Barker

Sent from my iPhone

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Donna Mayfield

From: Maribel Barker <maribelbarker@gmail.com>
Sent: Monday, March 18, 2019 6:28 PM
To: Aimee Mann; Thomas G. Benton; Paul D. Trampe; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Gary Skinner; Wanda Parrish; Mark Taylor; Thomas G. Benton
Cc: concernedcitizensspotsylvania@gmail.com
Subject: Save our county! DENY sPower

I am a home owner in the Livingston District and I strongly oppose the industrial solar plant. You have been presented with enough research and facts pertaining to the negative effects solar plants cause on the environment, ecosystem, land, wildlife and humans so please do your due diligence. Listen to the True citizens of Spotsylvania county and VOTE NO to this massive experimental project!!

The magnitude of this industrial solar complex is simply too large, too close to residential areas and poses too great of a risk to all residents. No amount of mitigation would ever restore the damage caused to our land, waterways, wildlife or health! Think responsibly and do the right thing! I urge you to DENY sPower!

This massive solar plant does not belong in rural Spotsylvania!

Sincerely,
Maribel Barker

Maribel Barker, Realtor
540-907-2712
MaribelBarker@gmail.com



MacDoc Realty
1809 William St.
Fredericksburg, VA 22401

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Licensed in the state of Virginia

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Donna Mayfield

From: Sara Hallmark <shallmark04@yahoo.com>
Sent: Tuesday, March 19, 2019 9:35 AM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Mark Taylor; Wanda Parrish
Subject: VOTE NO on Solar

Remove the arguments about health hazards and risks to residents and consider this SPower deal from a business perspective. What business would enter a 30 year contract where there is no validated return on investment to shareholders? None!!!

This is what you are considering by listening to the salespeople at SPower. Of course their financial report will say it's great! Please look to the information provided by outside sources- such as the experiences from Mecklenburg and the NC county who've stated the plant did not bring increased revenue, business or jobs.

Also consider the SPower projection of tax revenue is just that- a scenario where they say "we think this will happen." Keep in mind THEY WANT MONEY and will promise you the moon, world peace and unicorns to get it.

I fear that most of you have already drank the kool-aid from SPower, but please consider us, the residents you were elected to represent.
Vote No.

For the record, I am a Democrat who supports clean energy, but this proposal is Wrong for our county.

Sincerely,
A non-fawn lake resident
Sara Barker
11445 Windy Acres Ln

[Sent from Yahoo Mail for iPhone](#)

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Donna Mayfield

From: David Bartoszek <bart23@verizon.net>
Sent: Monday, March 18, 2019 6:25 PM
To: Paul D. Trampe; Gary Skinner; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

I am a resident of the LIVINGTSON District. As has been demonstrated, there is NO benefit to Spotsylvania from the sPower solar plant. There is only risk, and lost tax revenues.

I have watched the informational meeting on the Spotsylvania web site held on 12 March where sPower was critical of the data presented by Concerned Citizens of Spotsylvania. It is important to note that the so-called "independent experts" presenting information favorable to the sPower project have been paid by sPower. Thus, their conclusions should be CRITICALLY reviewed and interpreted with this in mind. This includes but is not limited to real estate, safety, erosion, heat island, and economic reports.

I have strong concerns as a physician that the rural roads to be used during construction are not built to accommodate high volumes of large tractor trailers. There have been many near misses with logging traffic as well as accidents related to oversized vehicles in the past several years. There is a high likelihood of a tragic accident(s) as a result of the construction traffic. I can guarantee you that the County will be held accountable should this occur.

I urge you to DENY sPower!

David M. Bartoszek, M.D.
COL RET MC USA

Jeannie M. Bartoszek, R.N.

--

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Donna Mayfield

From: James Bauslaugh <jamesbauslaugh@gmail.com>
Sent: Tuesday, March 19, 2019 11:10 AM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner
Cc: Mark Taylor; Wanda Parrish
Subject: Please Vote NO on sPower

To whom it may concern,

I urgently ask you to vote NO on sPower's proposal for this solar plant in our county. My concerns are first as a citizen in this county (Fawn Lake Community) as well as one of the top Real Estate agents in the county.

As a resident and citizen I am very concerned about the health, environmental and property value risks associated with this project. I'm also very disheartened by the reputation that the leaders of sPower have and their track record that follows them. My concerns were validated when they recently put out smear tactics to our CONCERNED CITIZENS OF SPOTSYLVANIA group by sending out post cards alleging that we have invested interest in other forms of energy. This couldn't be more false and shows me more of what this group is about. Unethical is an understatement. They also got caught recently in lies about their past knowledge of trying to purchase property from NTS. We should not be doing a deal with such large ramifications with a group that can't be trusted.

Secondly, I'm very concerned as a Realtor. I sold over 12 million in sales last year personally (45 homes) and my team sold over 15 million (63 homes). I know this area very well and I have a great beat on the trends in our local market. I will guarantee a reduction in real estate value of our local homes (specifically ones closer to this plant) if this goes through. It's a simple factor of supply and demand. I've already spoke to 4 families who will list their homes with me if this goes through. The more supply of homes for sale and the lower the demand for buyers wanting to move next to such a plant will have major impact on home values. My studies show a roughly 20% decrease in estimated value for homes that are closer to this plant. This is a lot of money and will have a major impact on the market.

I will be watching votes closely and weighing that in for my vote for the next re-election. I, like many, want to be heard and represented. I pray you all vote your conscience but please consider these concerns. To me this is as clear cut as who you want to represent best.....either the citizens of this county or an out of state group trying to profit off such a risky endeavor. PLEASE VOTE NO!

PLEASE VOTE NO!

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Each and every day, someone, somewhere in my city, needs my services.
My job *TODAY* is to find that person.

540-847-3332 JAMESBAUSLAUGH@GMAIL.COM JAMESBAUSLAUGH.COM

MacDoc Realty 1809 William Street, Fredericksburg, VA 22401

For transaction inquiries contact Amy Buchanan at amy@mreassist.com

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Donna Mayfield

From: Emily Baus <emilymaebauslaugh@gmail.com>
Sent: Monday, March 18, 2019 10:33 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor
Subject: Save our county:DENY sPower

To whom it may concern,

My name is Emily Bauslaugh, resident of Spotsylvania, and I oppose the solar project. My MAIN concern is the decommissioning and the huge cost. I don't trust SPower or the CEO, to follow through. They used to have a different name and changed it to run from their bad reputation. They are spreading lies to get their project to go through. To me that's a moral issue and should cause question and mistrust for the company. Other solar panel companies have claimed bankruptcy in order to not have to follow through with the decommissioning. Why would we as a county, when we are not benefiting, agree to this? Not to mention the traffic, concerns for the environment and animals.

Please make a smart decision that will benefit the citizens of this county.

Sincerely,
Emily Bauslaugh

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Donna Mayfield

From: Joanne Booth <jcbooth77@verizon.net>
Sent: Monday, March 18, 2019 6:44 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

I am a resident of the LIVINGSTON District. There has been shown no true proven benefit to Spotsylvania County in building the proposed SPower solar plant. However, there is much risk involved in adopting such a large, "uncharted territory" industrial plant in this rural, residential area.

I implore you to deny SPower - vote NO on this project.

Joanne Booth
Livingston District

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Donna Mayfield

From: Irvin Boyles <irv.boyles@verizon.net>
Sent: Monday, March 18, 2019 9:26 PM
To: Chris Yakabouski; David Ross; Thomas G. Benton; Gary Skinner; Kevin Marshall; Timothy J. McLaughlin; Mark Taylor; Paul D. Trampe; Wanda Parrish
Cc: concernedcitizensspotsylvania@gmail.com; Wanda Parrish; Mark Taylor
Subject: Protect Spotsylvania County - Vote to Deny SUPs to sPower

While I am resident of Livingston District, I implore consideration of all of your legacies in Spotsylvania County if you allow the encroachment of this high risk industrial solar farm into our beautiful County. I have not seen much evidence that you are performing the due diligence of the risks to the safety and welfare of County residents, wildlife, our environment, our water supply, our waterways running to the Chesapeake Bay via the Ni and Po rivers, springs feeding our lakes and wells, traffic issues; and, the interdependencies among the Dominion Power, the electric grid, the Lake Anna nuclear plant, and the sPower proposals on their working in harmony in light of threats from cyber attacks, not to mention other known threats. And the dangers from effects of lightning strikes and tornados, as well as equipment failures. And the promised financial advantages to the County are even more contentious and risky dependent on sPower and the LLCs remaining solvent, and that property values can withstand the impacts to the beauty and history of the area,

There are plenty of open land areas in Virginia suitable for renewable energy installations that wouldn't have so much potential for impacting the environment and property values. Please do your duties to protect our County from this unnecessary encroachment on our ways of life in this beautiful County.

Irvin Boyles
11501 General Wadsworth Drive
Spotsylvania, VA 22551

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Donna Mayfield

From: sandysaber@comcast.net
Sent: Monday, March 18, 2019 10:09 PM
To: Wanda Parrish
Subject: Fwd: Deny Spower

> ----- Original Message -----

> From: Sandy Branfman <sandysaber@comcast.net>

> To: PTrampe@spotsylvania.va.us

> Date: March 18, 2019 at 9:58 PM

> Subject: Deny Spower

>

> Dear supervisor Trampe,

> Because of my husband's health (he recently had a quadruple heart bypass and two stents), it is imperative that he relocate to a warmer environment. We put a down payment on a home in Florida , but we cannot close on the home until we sell our Spotsylvania home which we have lived in for 16 years. We thought our home was sold, but now the couple who put down a deposit is backing out of the deal because of the solar farm. They have two young children and are afraid to purchase a home so close to such a big industrial complex with so many unknowns. This scenario is going to be repeated very often in Spotsylvania if you vote for this behemoth.

> Respectfully, Sondra Branfman

> Livingston District

>

> Sent from my iPad

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Donna Mayfield

From: Robert Brunbaum <lr2535@aol.com>
Sent: Monday, March 18, 2019 6:36 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor
Subject: S Power solar plant

Dear Sir/Madam

I am a resident of the Livingston district and concerned about the solar plant proposal. I am not opposed to solar power, just the massive size and proximity to residential areas of this project! I don't think you should treat this County as an experiment for the solar industry!

Thank you,

Robert Brumbaum

Sent from my iPhone

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This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Robert Brumbaum <lr2535@aol.com>
Sent: Monday, March 18, 2019 5:54 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor
Subject: Save our county Deny sPower

I live in Livingston District and have a great deal of concerns in reference to to this solar farm, please take in consideration the community that you all said you would protect!!!! Would you want live by one, would you swim in a lake or drink the water when a panel breaks?

Sent from my iPad

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Brandy Butler <brandy_butler@hotmail.com>
Sent: Monday, March 18, 2019 8:41 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

As a Spotsylvania resident and taxpayer, I urge you to deny sPower by voting NO. I live in the Livingston District, and I do not want a solar farm of this magnitude in my backyard. Nor do I want to inherit a future riddled with potentially dangerous health and environmental side effects resulting from the use of Cadmium Telluride solar cell panels, continued deforestation of thousands of acres of land, inadequate plans and funds to properly decommission this plant, or the unavoidable downstream economic effects that will befall us...the residents...throughout the lifecycle of this solar farm. With little to zero long-term benefit to the county or its residents, I urge you to re-examine who stands to profit from this solar farm and DENY sPower.

Politicians come and go, but the impact and residual effects of this solar farm on the county and its residents will be felt for generations to come. You have an ethical and fiduciary obligation to do what is best for the county and your constituents, not sPower or the big corporations backing this project. Please vote NO!

Respectfully,

Brandy Butler

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Christopher O'Neal <mrrealestatechris@gmail.com>
Sent: Monday, March 18, 2019 10:09 PM
To: Thomas G. Benton; Paul D. Trampe; Gary Skinner; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross
Subject: DENY sPOWER: Take a Stand for our County

Hello,

I am a resident and a Real Estate professional of the Livingston District. This project will 100% affect and lower Spotsylvania property values. This massive project should not be near residential homes. People in the county use real estate (their personal home) to fund their savings and retirement. Would you want this project to wipe out a great amount of equity in your home??

This solar plant is a MAJOR RISK, and lost tax revenues. Everything that looks shiny is not always gold. Please don't let these Big corporation Bamboozle Spotsylvania county into something that is not good for the area.

There is NO benefit to Spotsylvania from the sPower solar plant.

Christopher O'Neal

Licensed Realtor

Professional, VA

Samson Properties

1440 Central Park Blvd, #210

Fredericksburg, VA 22401

Direct: 571-306-0672

mrrealestatechris@gmail.com

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[Money/dp/1519153031/ref=sr_1_1?ie=UTF8&qid=1468903213&sr=8-1&keywords=done+deal](https://www.amazon.com/Done-Deal-Never-About-Money/dp/1519153031/ref=sr_1_1?ie=UTF8&qid=1468903213&sr=8-1&keywords=done+deal)

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Good Morning America Show

WTVR CBS 6

<http://via.wtvr.com/DCEGk>

[Daughter and Father Children's Book about Saving and Investing](#)

[Order Now!! Amazon: The Adventures Of Super Kennedy: Saving & Investing](#) <----*Order Now*

Good Morning Virginia Show

<http://wtvr.com/2018/05/03/uper-kennedy/>

Hear my CLIENTS Testimonial's yourself.

<https://www.youtube.com/playlist?list=PLwjAznqkHgfEBjTvfN9K-jlZfTPJEzXhN>

Chris O'Neal will Close the Deal!

--

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Donna Mayfield

From: EJ Calleja <ejcalleja@verizon.net>
Sent: Monday, March 18, 2019 7:41 PM
To: Wanda Parrish
Subject: S-power Project

As a resident of Spotsylvania I am opposed to this mammoth project in an unsuitable area this has not been thought through ,if you all value your political careers think carefully and make the right decision.

Respectfully,

E.J.Calleja

Spotsylvania,Va.

--

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Donna Mayfield

From: Bette Connelly <eaconnelly@verizon.net>
Sent: Monday, March 18, 2019 7:53 PM
To: Aimee Mann; Paul D. Trampe; Gary Skinner; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; DavidRoss@spotsylvania.va.us
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: SAVE OUR COUNTY: DENY sPower

As a ten year resident in the Livingston District, I have seen much progress in the County, all in a measured and thoughtful manner. Imagine my surprise and concern when the idea of a huge solar power plant was put forth for consideration. I respectfully submit to you that this project does not meet the letter nor the spirit of the Comprehensive Plan. Please vote NO on all three SUPs. SPower and their backers don't have any concern for the citizens of our County!

Elizabeth A. Connelly
Livingston District

Bette Connelly
eaconnelly@verizon.net

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: DCraft <dc22407@verizon.net>
Sent: Monday, March 18, 2019 6:50 PM
To: Chris Yakabouski
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Pls vote No sPower

Mr. Yakabouski,

As a Battlefield District resident, I ask that you vote "No" on the solar project. I do not see long term benefits for our wonderful County. This is NOT a win-win situation of a deal--just a lopsided venture not in our favor.

Respectfully,

David Craft
VA Heritage subdivision

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Sally Crain <salcrain@aol.com>
Sent: Monday, March 18, 2019 8:43 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower!

I am a resident of the Livingston district! This massive solar plant is way too big for our area! The pesticides which will have to be used to keep the weeds away from 1.8 million solar panels will leach into the soil and runoff into our streams and rivers! It would be irresponsible for you to go against the Planning Commission recommendations and approve these SUP's! It is your fiduciary responsibility to protect our county! I strongly urge you to say no to sPower's SUP's!

Sally Crain
Livingston District resident

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Donna Crump <donnamcrump@gmail.com>
Sent: Monday, March 18, 2019 11:10 PM
To: Paul D. Trampe; Gary Skinner; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Mark Taylor
Cc: Wanda Parrish; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY SPower

Please think of your constituents and their rightful concern of this risky project. This is bad economically, environmentally and financially. Please take the time to read all the reports and research you have been sent. I don't live right near the project but will seriously consider leaving Spotsylvania county if this is approved. I don't want to take a chance on the toxins seeping into the water and poisoning my family.

Please vote NO.

Donna M. Crump

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Donna Crump <donnamcrump@gmail.com>
Sent: Monday, March 18, 2019 11:10 PM
To: Paul D. Trampe; Gary Skinner; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Mark Taylor
Cc: Wanda Parrish; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY SPower

Please think of your constituents and their rightful concern of this risky project. This is bad economically, environmentally and financially. Please take the time to read all the reports and research you have been sent. I don't live right near the project but will seriously consider leaving Spotsylvania county if this is approved. I don't want to take a chance on the toxins seeping into the water and poisoning my family.

Please vote NO.

Donna M. Crump

--

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Donna Mayfield

From: Brian Cummings <bjkk11134@gmail.com>
Sent: Monday, March 18, 2019 7:22 PM
To: Thomas G. Benton; cykabouski@spotsylvania.va.us; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner
Cc: Mark Taylor; Wanda Parrish; concernedcitizensspotsylvania@gmail.com
Subject: Save our county; DENY sPower

I am a resident of the LIVINGSTON District and I urge you to deny sPower's unreasonable demands as too close to residents, not financially sound, too big, and too uncertain.

And yet, If we believe this is the best path for our county, what's the rush to judgment?? We know there are dozens of counties and municipalities around the country that are questioning the solar industry. Further, there are many existing counties, and states that regret allowing the solar industry into their backyard as the fiscal projections (both tax and economic growth) haven't panned out. These localities are also regretting the environmental and aesthetic impact on their communities. Bottom line: there isn't a valid reason to endorse a project of this size...not at this time. The potential environmental and safety risks to our residents can neither be accepted in good conscience nor can the financial liability and environmental risks to our county. Your vote and your legacy rides on this vote. Do not be fooled by the deception of an outside corporate entity only here for profit. Don't be coerced by the "resident" polls conducted by self-serving false prophets. Defend your citizenry and our long-term economic viability. Be responsible; VOTE NO.

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Judy Cummings <jacummings11134@gmail.com>
Sent: Monday, March 18, 2019 6:50 PM
To: Thomas G. Benton; cykabouski@spotsylvania.va.us; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Mark Taylor; Wanda Parrish; concernedcitizensspotsylvania@gmail.com
Subject: Save Our County: DENY sPower

I am a resident of the LIVINGSTON District. I urge you to deny sPower.

TOO CLOSE TO RESIDENTS
TOO BIG
TOO MUCH, TOO SOON.

If you do believe this is the best path for our county what's the rush?? There are dozens of counties and municipalities around the world that are questioning the solar industry Further there are many existing counties that regret allowing the solar; industry into their backyard. There isn't a valid reason to endorse a project of this size. The financial data does not support it; the environmental loss cannot justify it; and the potential risk to residents cannot be accepted in good conscience. Your vote and your legacy rides on this vote. Be responsible; vote NO.

Judith Cummings
Livingston Resident

--

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Donna Mayfield

From: Deborah Fox <deborahgfox1@gmail.com>
Sent: Tuesday, March 19, 2019 4:22 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner
Cc: Mark Taylor; Wanda Parrish; concernedcitizensspotsylvania@gmail.com
Subject: Deny sPower

Gentlemen:

This picture from the WUSA channel 9 article this week shows you all how poorly berms, plantings and trees shield a much smaller solar facility from the view of surrounding homes. In honesty, you cannot tell me you would like this view out of the rear windows of your homes. PLEASE, please don't impose on your constituents in this county something you know you would not want for yourselves. Vote NO...

--

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Deborah

--

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Donna Mayfield

From: Ryan Daniel <bullhand77@gmail.com>
Sent: Monday, March 18, 2019 6:01 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county:Deny sPower

I am a Livingston district resident. I would like to say no to sPower.

Deny sPower

Thanks,
Ryan Daniel
Sent from my iPhone

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: davidbellison210@gmail.com
Sent: Thursday, March 28, 2019 7:37 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Aimee Mann; Wanda Parrish; Paulette Mann; Patrick White
Subject: sPower traffic exacerbation

Dear Supervisors, at a recent meeting your expert consultant drew laughs from the attendees when he testified that the wait time during rush hour at Brock Rd and Orange Plank was 55 seconds. Clearly, those measurements were taken during the Sunday rush hour to Church. This morning I left my Fawn Lake home at 7am to find the traffic from the 4 way stop at Brock and Orange Plank was backed up to the entrance to our community. That's roughly a mile. There were no other known issues on Rt3 that caused this – it was simply volume. ***It took me 9 minutes to reach the intersection*** ! The additional impact of sPower construction traffic will simply be ***NUTS. !!***

I hope you are prepared to handle the grief that will follow if any of the sPower SUPs are approved.

Respectfully,

Dave Ellison

--

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Donna Mayfield

From: Bob Davis <bobrosedavis@gmail.com>
Sent: Monday, March 18, 2019 10:52 PM
To: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Deny sPower

Building a solar project on this totally unsuitable acreage would create an environmental nightmare. As a resident of Livingston district, I would like to reiterate that I am vehemently against this project! It would ruin the quality of life for the surrounding neighborhoods! There would be zero benefit to the county!

Rose Davis
411 Polk Drive

--

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Deiters Save our County: Deny sPower

Donna Mayfield

From: Carla Deutsch <CDeutsch@cainc.com>
Sent: Monday, March 18, 2019 11:02 PM
To: Carla Deutsch
Cc: Carla Deutsch
Subject: SAVE OUR COUNTY: DENY sPOWER

Dear Board Member:

We are Livingston District residents with deep concerns.
The research is limited and scope too immense to be located so near to residential areas.
Importantly, dealing with an LLC company, there is no guarantee for future liabilities.
We are counting on you as a board member to vote with a knowledgeable and clear vision to do what is best for all your voting constituents.
Please deny support for sPower.

Phillip & Carla Deutsch

11700 Cedar Creek Court
Spotsylvania, VA 22551

--

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Donna Mayfield

From: Gmail <livitrumps@gmail.com>
Sent: Monday, March 18, 2019 6:05 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower"

Dear Board Members,

Please deny the SUP for sPower.

It is too big, has too many unknowns, and is too close to residences.

Worse, so many different little corporations are involved making any contract a shell game and unenforceable.

Sincerely,

Hester (Livi) Dolgin
10802 Cedar Creek Drive
Spotsylvania, Va 22551
(703) 946-6223 cell

Sent from my iPhone

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Ben Dolgin <bpdolgin@gmail.com>
Sent: Monday, March 18, 2019 6:32 PM
To: Thomas G. Benton; Chris Yakabouski; Timothy J. McLaughlin; Kevin Marshall; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower"

Dear Board Members,

Please deny the SUP for sPower.

It is too big and is too close to residences. No real net revenue benefits come to Spotsylvania. It's all about Federal tax credits to big corporations.

Worse, so many different little corporations make any contract a shell game and unenforceable.

Sincerely,

Benjamin Dolgin
10802 Cedar Creek Drive
Spotsylvania, Va 22551
(703) 999-5260 cell

--

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Updated: April 1, 2019 @ 1:37 pm

Full Forecast



EDITORIAL: Solar project is too big for Spotsylvania

AFTER meeting with both sides and reviewing reams of documents, we've determined that the rancorous year-long debate over a proposed 6,350-acre solar power plant that has pitted Concerned Citizens of Spotsylvania County, a small local grassroots group, against a large, out-of-state corporation comes down to this: the project is way too big for western Spotsylvania County, and there are too few benefits to county residents to offset this major deficiency.

Utah-based Sustainable Power Group (sPower) wants to turn 10 square miles of agriculturally-zoned land that was previously a tree farm into a forest of solar panels, making it the largest solar facility on the East Coast. The company's plan to shield this utility-sized power plant from view with trees and berms doesn't change the fact that it is massive in scale.

Too massive, in fact, for an agricultural zone that abuts a residential area. Which is why the county's Planning Commission recommended that sPower be given a special use permit to erect solar panels only on 245 acres, the smallest of its three connecting sites and also the one farthest away from homes.

Some objections to the 500-megawatt, \$615 million project, including nearby residents' fears that the proposed solar facility would cause major environmental and health problems during construction and its subsequent 30 years of operation, seem somewhat overblown, and more attributable to a Not In My Backyard attitude that is making it harder and harder to erect needed infrastructure pretty much anywhere.

Both sides have hired appraisers who disagree on what impact the solar farm would have on nearby home values, but it seems beyond dispute that solar panels would be quiet, undemanding neighbors. sPower has also committed to spending \$25 million in community upgrades, including replacing aging water pipes in Fawn Lake, although the company admits that these enticements are not legally enforceable.

But sPower's resistance to posting a cash bond or irrevocable letter of credit to protect Spotsylvania taxpayers from what could be an enormous cost of decommissioning and disposing of 1.8 million solar panels containing toxic cadmium telluride at the end of their useful lifespans if the project's multiple

limited liability corporations skip out is troubling. So is its insistence that the supposed future recycling value of the spent panels three decades from now be included in its current decommissioning plan.

Related to the project's massive scale—in an area that is much closer to a residential area than most of the nation's solar facilities of its size—is the fact that sPower has already contracted to sell all of the electricity generated by the proposed Spotsylvania solar facility to power-guzzling tech giants Apple and Microsoft, as well as the University of Richmond.

Microsoft, which already has a data center in Loudoun County, is utilizing tax breaks and a \$1.5 million state grant to expand in Mecklenburg County. The expansion will add 100 more jobs, but they'll all be in Southside, not Spotsylvania.

sPower points to millions of dollars of increased tax revenues the land would generate as a solar plant instead of a tree farm, with no corresponding pressure on county services that a residential subdivision in that same location would create. But a tree farm and a suburban subdivision are not the only options there.

Dr. Dean Bellas of Alexandria-based Urban Analytics, who was hired by Concerned Citizens to analyze the economic impact of the proposed solar farm, noted that “under the sPower proposal, Spotsylvania County will receive declining tax revenues annually on a per-acre basis on an appreciating asset (real estate).”

Bellas concluded that “the forgone tax revenues to Spotsylvania County from alternative development scenarios are substantial... The County would also enjoy larger economic benefits (new jobs, new labor income, and the multiplier effect on the local economy) with less acreage needed.”

Bottom line: If Microsoft or Apple were building a new data center in Spotsylvania County and creating high-paying jobs there, a good case could be made for building such a large solar facility alongside to power it. But that's not the case. All of the electricity produced, and most of the jobs the project will support after a brief construction period, will be elsewhere.

Even under a best-case scenario with no adverse impacts on local residents, Spotsylvania County will forgo the possibility of more lucrative economic development in the area for a 30-year deal that will mostly benefit sPower and two of the largest corporations in the world. Property taxes and a \$25 million good-faith gesture are not enough to offset the potential loss of new jobs, future economic development and the increased tax revenue it would bring, and the loss of thousands of acres of agricultural land.

Solar power can and should be part of Virginia's energy mix, but this project is too big and offers too few benefits to the county. The Board of Supervisors should follow the Planning Commission's recommendation and grant sPower a special use permit only on the smallest of the three parcels.

Phone: 540-374-5000

Email: newsroom@fredericksburg.com

Donna Mayfield

From: Ben Dolgin <bpdolgin@gmail.com>
Sent: Monday, March 18, 2019 6:32 PM
To: Thomas G. Benton; Chris Yakabouski; Timothy J. McLaughlin; Kevin Marshall; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower"

Dear Board Members,

Please deny the SUP for sPower.

It is too big and is too close to residences. No real net revenue benefits come to Spotsylvania. It's all about Federal tax credits to big corporations.

Worse, so many different little corporations make any contract a shell game and unenforceable.

Sincerely,

Benjamin Dolgin
10802 Cedar Creek Drive
Spotsylvania, Va 22551
(703) 999-5260 cell

--

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Donna Mayfield

From: dosshaus@aol.com
Sent: Monday, March 18, 2019 6:01 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county! DENY sPower!!!

Supervisors,

I am respectfully asking you to please vote NO on all 3 SUP's. I don't believe that this will have the economic boost to Spotsylvania County that sPower claims it will, they have yet to prove that. I also know that the letter Mr Creamer wrote you is NOT legally binding. They can easily walk away, go bankrupt, or be bought out. This will harm our county. VOTE NO!!!!

Moya Doss
Spotsylvania County

PS I am the one no longer building a new house because of this.

--

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Donna Mayfield

From: Lee Duehring <theduehrings@gmail.com>
Sent: Monday, March 18, 2019 6:56 PM
To: Wanda Parrish
Subject: Save our county: DENY sPower

Don't gamble with the well being of your constituents. We want Spotsylvania citizens protected against the health and safety concerns associated with the proposed solar industrial plant.

Vote "NO" to sPower's SUPs.

Barry Duehring
Frances Duehring
Livingston District

Sent from my iPad

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Darrell Thomas DuPont <dthomasdupont9@gmail.com>
Sent: Monday, March 18, 2019 6:02 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save Our County: DENY S-Power!

I am a resident of the Livingston District. And I vote.

I mention that fact because citizens....INDIVIDUALS...are empowered by the United States Constitution to vote. Not corporations. Not LLC's. Not businesses.

The People are solely empowered to vote for representatives to act on OUR behalf; to represent US.

I ask that you listen to the voice of myself and my neighbors whose lives and well-being will be adversely impacted by this Too Large, Too Close monstrosity. People who pay taxes, have served this country in time of war and love this County and Country ask you to deny this special request permit for this extraordinarily bad, and harmful project.

I ask for your vote to DENY.

Darrell T. DuPont
11201 Bluffs View
Spotsylvania, VA. 22551

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Charles Duren <c_duren@outlook.com>
Sent: Monday, March 18, 2019 8:15 PM
To: Aimee Mann
Cc: Chris Yakabouski; Gary Skinner; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

Dear Board of Supervisors:

We moved to Spotsylvania in January of 2018. We decided on Spotsylvania because of its beauty and protected areas around the Battlefields. We had no idea of the looming environmental and quality of life issues that lay waiting for us. And it seems very few citizens and residents of Spotsylvania knew either. Our realtor did not know of the magnitude and the builder of our new home did not know; he had bought land to build his own residence and this summer when he learned of the plans for the proposed Solar Power Plant he suspended construction.

I am for Green Power, but not in inhabited areas such as the planned location for this massive facility. The size of the facility is as large, if not larger, than any other facility in the US near communities of residential homes. The impacts of such a large scale facility so near where people live is unknown. This is not a risk worth taking, especially for little to no gain to the local economy except for short-term construction jobs and the promise of small numbers of future jobs, and minuscule tax revenue of the 35 years of the project. Additionally, no gain is really a misnomer as we will likely see property values decline along with associate tax revenues, reduction in building as people seek alternative locations, higher energy costs as this proposed facility does nothing for delivery of power to local citizens, and risks to the local lakes, ground water and forests resulting from run off and hot house effects.

In no way can I understand how this is good for Spotsylvania County. I implore you to vote no on this project.

Sincerely,
Charles Duren

--

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Donna Mayfield

From: Mary Jane Dye <mjdesonia@gmail.com>
Sent: Monday, March 18, 2019 6:09 PM
To: Paul D. Trampe; Gary Skinner; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our County: DENY sPower

Hello Supervisors.

I am a resident of Spotsy County, and I urge you to DENY sPower by voting "No" tomorrow night.

I truly am scared of the consequences. Do not put my family at risk with this terrible deal. I will pray that you vote to DENY.

Respectfully,
Mary Jane Dye
Fawn Lake resident
703-862-9315

--

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Donna Mayfield

From: David Dye <david.dye16@gmail.com>
Sent: Monday, March 18, 2019 8:35 PM
To: Paul D. Trampe; Gary Skinner; TBenton@spotylvania.va.us; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Vote with your conscience to protect ALL of your citizens

As an affected citizen at ground zero, I fear we are heading to an unknown, untested, and unprecedented situation. You cannot predict the consequences with certainty and trying to “adjudicate” an answer based on the past or incomparable situations is a failing proposition

The trust you build today around your citizen’s interests will endure long after this vote is taken and will affect our County in ways we may not understand right now. Repairing broken trust will be much more difficult than building trust today.

Are you willing to roll the dice and lose in a huge way should the risks play out – a catastrophic event at the site, SPower who is more interested in protecting its own interests, inheriting significant financial liability, damaging the character of the County – all at the expense of its citizens?

Please vote No for all three sites.

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: suee1970@aol.com
Sent: Monday, March 18, 2019 6:08 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower.

I am a resident of the LIVINGSTON District. As has been demonstrated, there is NO benefit to Spotsylvania from the sPower solar plant. There is only risk, and lost tax revenues.

I urge you to DENY sPower.

Sue Edwards
Livingston District

--
This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Mike Ehlers <mehlers71@outlook.com>
Sent: Monday, March 18, 2019 6:22 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; Davis.Ross@spotsylvania.va.us; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvanis@gmail.com
Subject: Save our county: DENY sPower

I have been a resident of Spotsylvania County all of my life and this is one of the most disturbing issues I have seen here in years. For you to even consider approving this ridiculous venture disappoints me terribly!

Michael Ehlers
Livingston District

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Wendy Ehlers <breezy1270@hotmail.com>
Sent: Monday, March 18, 2019 6:36 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

With all due respect, I seriously hope that you are NOT considering the sPower Solar Project. A lot of evidence has been brought to you about the damaging effects this power plant will cause in this area, especially the size of such a project that no one TRULY knows what the outcome will be, not only for the environment, but to it's citizens as well.

Please, for the sake of the future generations and what each of us had left in this life be that of beautiful land, wildlife and continued health of our great citizens.

Wendy Ehlers
Livingston District

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Mike Ehlers <mehlers71@outlook.com>
Sent: Monday, March 18, 2019 6:22 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; Davis.Ross@spotsylvania.va.us; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvanis@gmail.com
Subject: Save our county: DENY sPower

I have been a resident of Spotsylvania County all of my life and this is one of the most disturbing issues I have seen here in years. For you to even consider approving this ridiculous venture disappoints me terribly!

Michael Ehlers
Livingston District

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This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Sally Elliott <sellriott2727@gmail.com>
Sent: Monday, March 18, 2019 8:03 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner
Cc: Concerned Citizens; Wanda Parrish; Mark Taylor
Subject: Save our County: DENY sPower Solar....PLEASE!!!!!!!!!!!!!!

Gentlemen:

This massive solar facility has no place in our beautiful county located in such close proximity to residential areas. IT IS AN EXPERIMENT AT BEST. There is no data out there to support something of this magnitude in a location such as ours because IT DOESN'T EXIST...ANYWHERE!!!

We trust you will make the right decision. Please DENY sPower.

Respectfully,

Tom and Sally Elliott
Livingston District

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: davidbellison210@gmail.com
Sent: Monday, March 18, 2019 4:19 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Aimee Mann; Wanda Parrish; Paulette Mann; Patrick White
Subject: Cadmium Telluride panels

Dear Board members,

Please read the article in the attach link – all of it. As you do, keep in mind that the remains of solar panels destroyed by a tornado or hurricane – much like the examples from CA already provided by Concerned Citizens, would look much like those found in a municipal waste dump if they were deposited there. If anything, this article should instill enough doubt about the long term safety of Cadmium Telluride solar panels to convince you that they have no place in any of the three SUPs, should they be approved. Of course, per my note below I believe none of the three SUPs should be approved.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5607867/>

Respectfully,

Dave Ellison

espectfully

From: davidbellison210@gmail.com <davidbellison210@gmail.com>
Sent: Thursday, March 14, 2019 5:48 PM
To: GBenton@spotsylvania.va.us; 'Cc:' <cyakabouski@spotsylvania.va.us>; kmarshall@spotsylvania.va.us; McLaughlinTJ@spotsylvania.va.us; David.Ross@spotsylvania.va.us; PTrampe@spotsylvania.va.us; gskinner@spotsylvania.va.us; BOS@spotsylvania.va.us; wparrish@spotsylvania.va.us; PMann@spotsylvania.va.us; pwhite@spotsylvania.va.us
Cc: davehammond@gmail.com; 'Kevin McCarthy' <kjmmusic@gmail.com>
Subject: BOS Meeting of 3/12
Importance: High

Dear Board Members, I give you a lot of credit for hanging in there past 1am on 3/13. Past that, I'm astounded by the lack of scheduling coordination with the School Board. We ended up watching you from home.

Here are some observations you may not appreciate, but need to receive nevertheless:

- The second of your two segments was introduced by Wanda to review the agenda and some important items. Some of her first words were....voting on the SUP applications has been moved to 4/30 by the applicant. **Really?** Who sets the agenda here? Don't believe me? Review the tape. After over 15 months of debate and deep analyses by the Planning Commission, the jury should be in. **What were the criteria for extending this date to 4/30?**
- You were all provided copies of a table of sPower SUP concerns for the discussion that were amended with an extra column by Concerned Citizens. At least one Board Member demonstrated he had copies of it. The decision not to use the amended document to reflect **all** concerns for discussion demonstrated a bias toward sPower.
- Mr. Ross opened a motion for the Board to agree with the Planning Commission to eliminate Cadmium Telluride Panels as a condition of SUP approval. This was objected to by Mr. Skinner on the basis that he had no time to review the material - and that in the absence of that he did not want to 'tarnish' the reputation of the company

providing the panels. Interesting. It's my understanding that all Board members were provided that same information at the same time. Beyond that I find it **'Goofy'** that any Board member would not put the safety of the County residents as a paramount priority. Actually it's more than just alarming, it's appalling if not shameful. This topic has been hotly debated for 15 months.

- sPower's 'expert' provided interesting 'testimony' on soil sample testing – but in spite of the ongoing requests from Dave Hammond to provide specific documentation/data on soil sample testing, none has been provided. Why? The expert's testimony needs to be backed up by unaltered data. It's imperative it be provided before voting. You should have plenty of time now that the voting date has been pushed back to 4/30.
- Beyond all of this hyperventilation, I need to make one simple point. As on Ch 9, if approved, the power generated by the sPower solar farm will go to Microsoft, Amazon, Univ of Richmond. Charlie Payne said so, plain and simple. We get no direct benefit whatsoever. The casual observer would never realize this from the clever radio ads being sponsored by sPower. We would allow 3500 of 6500 acres of prime agricultural land to be castrated for industrial use without the appropriate re-zoning, and in the end if the project fails the County will likely get screwed. I flew over the areas today that have already been timbered. It's a frightening sight. The aspect of no direct benefit coupled with the risk of failure should be enough to generate denials of each SUP application. As we saw last night, the magnitude of this experiment may be beyond the collective abilities of the County to manage – both during construction and operation. It's just that simple. One last thought – as your respective terms expire, what will be your legacy?

I appeal to all of you to vote carefully and do the right thing for the County.

Respectfully,

Dave Ellison

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: davidbellison210@gmail.com
Sent: Monday, March 18, 2019 8:48 AM
To: Wanda Parrish
Subject: RE: BOS Meeting of 3/12

Thanks for the clarification. It didn't come across that way in the presentation. It might be helpful for you to add the explanation below for future presentations of this nature. Thanks for taking the time to reply.

Respectfully,

Dave Ellison

From: Wanda Parrish <WParrish@spotsylvania.va.us>
Sent: Monday, March 18, 2019 8:38 AM
To: davidbellison210@gmail.com; Thomas G. Benton <gbenton@spotsylvania.va.us>; Chris Yakabouski <CYakabouski@spotsylvania.va.us>; Kevin Marshall <KMarshall@spotsylvania.va.us>; Timothy J. McLaughlin <McLaughlinTJ@Spotsylvania.va.us>; David Ross <David.Ross@Spotsylvania.va.us>; Paul D. Trampe <PTrampe@Spotsylvania.va.us>; Gary Skinner <GSkinner@spotsylvania.va.us>; Aimee Mann <AMann@spotsylvania.va.us>
Cc: davehammond@gmail.com; 'Kevin McCarthy' <kjmmusic@gmail.com>; Mark Cole <MCole@Spotsylvania.va.us>
Subject: RE: BOS Meeting of 3/12

Mr. Ellison, I want to take a moment to explain the April 30th date in the first bullet below. The Code requires that the Board take action on the SUP within 1 year of it being deemed complete. That date was March 30. The applicant can agree to extend the time for the Board to consider the application, which they did. The Board is in control of how that time is used/whether it is used, and may vote at any point up until the end of April.

Best,

Wanda

Wanda Parrish, AICP
Director of Planning
9019 Old Battlefield Blvd., Suite 320
Spotsylvania, VA 22553

540-507-7434 (dept)
540-507-7425 (direct)
www.spotsylvania.va.us

From: davidbellison210@gmail.com [<mailto:davidbellison210@gmail.com>]
Sent: Thursday, March 14, 2019 5:48 PM
To: Thomas G. Benton <gbenton@spotsylvania.va.us>; Chris Yakabouski <CYakabouski@spotsylvania.va.us>; Kevin Marshall <KMarshall@spotsylvania.va.us>; Timothy J. McLaughlin <McLaughlinTJ@Spotsylvania.va.us>; David Ross <David.Ross@Spotsylvania.va.us>; Paul D. Trampe <PTrampe@Spotsylvania.va.us>; Gary Skinner <GSkinner@spotsylvania.va.us>; Aimee Mann <AMann@spotsylvania.va.us>; Wanda Parrish

<WParrish@spotsylvania.va.us>; Paulette Mann <PMann@spotsylvania.va.us>; Patrick White

<PWhite@spotsylvania.va.us>

Cc: davehammond@gmail.com; 'Kevin McCarthy' <kjmmusic@gmail.com>

Subject: BOS Meeting of 3/12

Importance: High

Dear Board Members, I give you a lot of credit for hanging in there past 1am on 3/13. Past that, I'm astounded by the lack of scheduling coordination with the School Board. We ended up watching you from home.

Here are some observations you may not appreciate, but need to receive nevertheless:

- The second of your two segments was introduced by Wanda to review the agenda and some important items. Some of her first words were....voting on the SUP applications has been moved to 4/30 by the applicant. **Really?** Who sets the agenda here? Don't believe me? Review the tape. After over 15 months of debate and deep analyses by the Planning Commission, the jury should be in. **What were the criteria for extending this date to 4/30?**
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- sPower's 'expert' provided interesting 'testimony' on soil sample testing - but in spite of the ongoing requests from Dave Hammond to provide specific documentation/data on soil sample testing, none has been provided. Why? The expert's testimony needs to be backed up by unaltered data. It's imperative it be provided before voting. You should have plenty of time now that the voting date has been pushed back to 4/30.
- Beyond all of this hyperventilation, I need to make one simple point. As on Ch 9, if approved, the power generated by the sPower solar farm will go to Microsoft, Amazon, Univ of Richmond. Charlie Payne said so, plain and simple. We get no direct benefit whatsoever. The casual observer would never realize this from the clever radio ads being sponsored by sPower. We would allow 3500 of 6500 acres of prime agricultural land to be castrated for industrial use without the appropriate re-zoning, and in the end if the project fails the County will likely get screwed. I flew over the areas today that have already been timbered. It's a frightening sight. The aspect of no direct benefit coupled with the risk of failure should be enough to generate denials of each SUP application. As we saw last night, the magnitude of this experiment may be beyond the collective abilities of the County to manage - both during construction and operation. It's just that simple. One last thought - as your respective terms expire, what will be your legacy?

I appeal to all of you to vote carefully and do the right thing for the County.

Respectfully,

Dave Ellison

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: brian enos <bricat11814@yahoo.com>
Sent: Monday, March 18, 2019 6:00 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor
Cc: concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

As 14 year residents residing in the Livingston District, we are very much against sPower moving into the District - The risks (as demonstrated) far outweigh any benefit this could bring to homeowners (current and future) living in the district.

We urge you to take note and DENY sPower.

Catherine & Brian Enos
Livingston District

--

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Donna Mayfield

From: Alfonso Fabris <avfabris@gmail.com>
Sent: Monday, March 18, 2019 10:15 PM
To: Paul D. Trampe; Gary Skinner; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross
Cc: Wanda Parrish; Mark Taylor
Subject: DENY sPower

I am a US Citizen, resident of the Livingston District in Spotsylvania County, and former Director at NOAA and Advisor to NASA.

As documented, I urge you to deny sPower requests for the following reasons:

- sPower program lacks a required "Risk Analysis", "Risk Avoidance" and Risk Mitigation" plans; thus their program is flawed
- There are great potential of environmental damages to the County
- There are great potential of lost revenues to the County
- There are plans for massive destruction of the environment
- Their plan will result in severe damages to the neighboring communities
- There are great potential of health related damages resulting from the use of known carcinogens

Please respect the recommendations of your Planning Commission, after all, they are your experts. Ignore the half-truths, exaggerations and bias comments from paid-experts representing sPower. Remember that sPower is a registered LLC, meaning their liabilities are minimal regardless of intent.

Avoid your own potential liabilities if you ignore your own Planning Commission and the documents presented to you describing potential damages.

Remember your job is to safeguard our County and its residents, not out-of-state LLCs.

Respectfully,

Alfonso Vignon Fabris Ph.D.

--

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Donna Mayfield

From: Jim Feagans <feagansva@aol.com>
Sent: Monday, March 18, 2019 8:18 PM
To: Paul D. Trampe; Gary Skinner; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: The People Have Spoken - Deny S-Power

All,

As a concerned resident of the Livingston District I urge you **not** to grant the Special Use Permit to S-Power. As discussed there is **absolutely no** benefit to Spotsylvania or its residents for S-Power to build and operate a solar plant.

Simply the risks are too high for the environment, your constituents, and negative impacts on the surrounding communities, real estate values, tax revenue reductions, and unforeseen liabilities to all your county residences.

Your county residences have clearly spoken urging you to do the right thing "**JUST SAY NO**" – deny s-Power.

Jim Feagans
Livingston District

--
This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Kathy Flanagan <kathyflanagan1@verizon.net>
Sent: Tuesday, March 19, 2019 5:38 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

I am a voting resident of LIVINGSTON DISTRICT and am urging you to deny sPower. There is NO benefit to our wonderful district, or to our beautiful Spotsylvania County should this massive solar plant experiment be approved. I am very much concerned with the health issues, toxicity levels, and loss of property values. When my husband retired from active duty in the US Marine Corps, we could have chosen to live anywhere. We chose rural Spotsylvania County for its beauty and rich history. Don't ruin that. DENY sPower.

Kathy Flanagan
Livingston District
kathyflanagan1@verizon.net

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Missy Fletcher <mrsfletchfly@gmail.com>
Sent: Monday, March 18, 2019 6:01 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

According to Civil War historians, the Orange Plank Road area was once referred to as the "poison fields" (battlefields.org). Based on the facts/ research provided to the BOS, it can not be proven without any doubt that the 6,000 acres of solar panels will not fulfill those prophetic words.

Please keep Spotsylvania County beautiful and safe and VOTE NO.

Sincerely,
Thomas (Gary) and Melissa Fletcher
Livingston District Residents since 2001

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Ronnie Fletcher <ronniefletcher60@gmail.com>
Sent: Monday, March 18, 2019 6:17 PM
To: Thomas G. Benton; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Chris Yakabouski; Kevin Marshall
Cc: Mark Taylor; Wanda Parrish; concernedcitizensspotsylvania@gmail.com
Subject: Say No to sPower

I am a resident of the CHANCELLOR District. I grew up in Livingston District and still own a home there.

I don't want the land I grew up hunting on to be turned into a massive electrical plant.

We have all read about the history of untruths, lawsuits and broken promises from this company's dealings with other localities. Please protect Spotsylvania from the great risks involved and vote NO to SPower!

Ronnie Fletcher

Chancellor District

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Jenn Fletcher <jennyc@mccormickgroup.com>
Sent: Monday, March 18, 2019 9:04 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: We say no!!!!

We are residents of the Spotsylvania County (courtland area) and request that you DENY sPower and not allow their MEGA plant here. There is only risk to our State – county. There is no benefit for a MEGA plant to be in our county next to families/watershed/wildlife. SOLAR POWER IS NOT A GOOD POWER CHOICE FOR VIRGINIA! We don't want sPower in our County!!!!

Jennifer Fletcher

10004 Erlwood ct
Fredericksburg,va 22407

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Donna Mayfield

From: Sean Fogarty <sfogarty77@verizon.net>
Sent: Monday, March 18, 2019 5:04 PM
To: Thomas G. Benton; Paul D. Trampe; David Ross; Kevin Marshall; Gary Skinner; Chris Yakabowski; Timothy J. McLaughlin; Aimee Mann
Cc: Karl Holsten; Wanda Parrish; Dave Hammond; Spotsy Kathleen Hayden; kjmmusic@gmail.com; RUSSELL MUELLER; Mark Taylor; sfogarty77@verizon.net
Subject: sPower CEO letter and accountability
Attachments: SPower accountability.docx

Supervisors,

To the extent that your decision on these SUPs is dependent on Mr. Creamer's Dec 3rd letter, I respectfully suggest that your confidence is misplaced – these promises cannot be enforced. This letter promises \$25 million over the 40 year life of the project. I challenge the Supervisors or staff to provide similar examples where a developer made a similar UNENFORCEABLE promise of funding at this level and followed through on it (not a proffer or other enforceable requirement). This is unprecedented. Has this ever happened in Spotsylvania County or nearby localities?

Since this massive utility project doesn't stand on its own merits, Mr. Creamer has decided to attempt to buy SUP approval with an unenforceable promissory note. He is merely shifting the Board's attention from the huge risks, including financial risks, by offering very tenuous UNENFORCEABLE promises to those who will listen.

Is the Board willing to provide the auditable, accountable and enforceable documentation to the public that specifies exactly how, by who, and when each and every element of the sPower CEO's promises will be delivered – over the life of this project?

I recommend you consider this information as sPower continues to canvas Supervisors to determine what it will take to secure your vote.

Do you trust them? We don't because of their duplicity on whether or not they are purchasing land from NTS, because of their quiet attempt to uprate their PJM connection which was only withdrawn after citizens discovered it and because of their acceptance of certain conditions after the Planning Commission vote (no burning and no CdTe panels) before switching to opposing those conditions. There are additional areas of great concern involving sPower's corporate risk, accountability and liability that we recommend you review – attached. This short document was compiled at the request of several Supervisors.

Thank you and best regards,

Sean Fogarty, CCSC
Livingston District
540-972-4957

Finally these are some of the many questions that should be answered before proceeding to accept promises from Mr. Creamer:

- Does the attached information and points noted above make you comfortable with accepting this arrangement?
- What is the arrangement? In what form? Verbal? Written?
- What are you not telling the public about other promises from sPower?
- What would happen if (all very reasonable scenarios):
 - Mr. Creamer is unable to continue to serve as CEO for whatever reason and steps down? The letter gets thrown in his trashcan as he walks out the door.
 - sPower comes under financial pressure because of their exposure to the PG&E contracts and is forced to tighten their belts for a few years resulting in a freeze in payments. What if they can't start them back up again? This essentially puts the county in the solar business and subject to the ups and downs of that industry.
 - What happens when sPower sells the project to Dominion or another utility or investment group? New owners will not honor a letter signed by a long gone CEO.
 - What if AES, AIMCo and Ullico (owners of sPower) decide that they're not receiving the desired return on their investment from sPower and let Mr. Creamer go in favor of a new cost cutting CEO who won't recognize an UNENFORCEABLE letter from his predecessor?
- In reference to these promises, Mr. Payne stated at the March 12 public hearing that the items in the Creamer letter of Dec 3rd were suggestions and it would be "up to the county to make that determination" as to allocation of those funds.
- How will those funds (if they appear) be allocated and when since they will be provided "over the life of the project."?
- Which districts will benefit the most?
- Will the Supervisors be making these decisions in private or in public?
- Will the allocation of these phantom funds be subject to change after the next BOS elections?
- Is it worth risking the public welfare and financial health of the citizens of the Livingston District on a promise of the CEO of a company you had never heard of until 14 months ago?

--

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Donna Mayfield

From: Sean Fogarty <sfogarty77@verizon.net>
Sent: Monday, March 18, 2019 11:02 AM
To: Thomas G. Benton; Paul D. Trampe; Chris Yakabouski; David Ross; Kevin Marshall; Timothy J. McLaughlin; Gary Skinner
Cc: Wanda Parrish; Karl Holsten; Mark Taylor; Dave Hammond; Edward Petrovitch; Aimee Mann; Concerned Citizens Spotsylvania; RUSSELL MUELLER
Subject: sPower's proposal to landfill 1.8 million panels

Supervisors,

Since you will likely be discussing decommissioning at tomorrow's hearing, I feel it's important to provide a short summary of sPower's recent change in position on this important topic. I won't repeat the analysis of recycling costs that I sent you two weeks ago – it is included at the end of this email.

- SPower's decommissioning plan includes a total credit of \$25.7 million for "recycling." Their plan defines recycling as "material will be reconstituted into a new product." The cost estimate does not include any landfill option.
- Their plan also identifies the recycling companies who would perform this recycling - all SEIA approved: First Solar, Dynamic Life Cycle Innovations, Cleanlites Recycling, and Clean Harbors. As outlined in my earlier email, there are significant costs associated with recycling the PV panels based on written quotes from these recycling companies.
- CCSC, county staff and the county's consultant (Dewberry) pushed back strongly on their recycling claims and both the PC's and staff's conditions prohibit credit for recycling.
- Last week, sPower forwarded an email to the county staff stating that it is now their intention to landfill the panels which is specifically prohibited in both the PC and staff conditions (SUP condition A.19.b).
- These panels contain cadmium, tellurium, lead, silver, indium etc

Now that sPower has been exposed - no one will pay them to recycle these panels as claimed - they are changing their entire approach for decommissioning to one of landfilling all 1.8 million panels (including the Cadmium Telluride – if those types of panels are not prohibited).

I strongly encourage the Supervisors to dismiss this latest attempt to ruin our environment and health and to maintain the PC approved and staff recommended conditions of no credit for recycling and the prohibition on landfilling of these panels. I also recommend a surety of \$67 million as detailed below to cover the current costs of recycling all of these panels.

I will be available during tomorrow's public hearing to provide further details on my discussions with sPower's recycling companies, the Electric Power Research Institute and other experts in this field who have not been made available to you by sPower.

Thank you and best regards,

Sean Fogarty
540-972-4957

A few quotes from industry and other experts in the field including sPower's own expert, Dr Fthenakis:

=====

SPower expert Dr Fthenakis from a paper where he was studying the environmental issues with PVs. He is against landfilling the panels. Referring to CdTe panels:

Dr Fthenakis: Sustainability Metrics for Extending Thin Film Photovoltaics to Terawatt levels, April 2012: “Nevertheless, there could be other pathways for uncontrolled releases in extreme situations, and therefore, every effort should be made to collect the modules and recycle the contained metals at the end of their useful lifetimes.”

=====

<https://www.seia.org/initiatives/seia-national-pv-recycling-program>

“Members of the Solar Energy Industries Association® (SEIA) are committed to responsible end-of-life management and are proactively developing collection and recycling processes for the solar industry.”
SPower is a member!

=====

First Solar has a recycling program for CdTe. So sPower wants to landfill them instead of paying \$6.50/panel to First Solar?

“First Solar’s recycling program was established at the beginning of production to responsibly recycle manufacturing scrap, warranty returns and end-of-life panels.”

=====

Electric Power Research Institute (EPRI) study Sept 14, 2016: referring to CrSi panels:

“Disposal in regular landfills not recommended in case modules break and toxic materials leach into the soil.”

https://www.solarpowerinternational.com/wp-content/uploads/2016/09/N253_9-14-1530.pdf

=====

“Approximately 90% of most PV modules are made up of glass. However, this glass often cannot be recycled as float glass due to impurities. Common problematic impurities in glass include plastics, lead, cadmium and antimony.”

San Jose State environmental studies professor Dustin Mulvaney.

https://solarindustrymag.com/online/issues/SI1507/FEAT_02_Act-Now-To-Handle-The-Coming-Wave-Of-Toxic-PV-Waste.html

From: Sean Fogarty [mailto:sfogarty77@verizon.net]

Sent: Tuesday, February 26, 2019 1:45 PM

To: GBenton@spotsylvania.va.us; PTrampe@spotsylvania.va.us; cyakabouski@spotsylvania.va.us; David Ross (David.Ross@Spotsylvania.va.us); kmarshall@spotsylvania.va.us; McLaughlinTJ@spotsylvania.va.us; gskinner@spotsylvania.va.us

Cc: wparrish@spotsylvania.va.us; kholsten@spotsylvania.va.us; mtaylor@spotsylvania.va.us; LecLewSherman (lewsherman1@gmail.com); Dave Hammond (davehammond@gmail.com); epetrovitch@spotsylvania.va.us; BOS@spotsylvania.va.us; sfogarty77@verizon.net

Subject: Decommissioning surety and recycling credits

Supervisors,

The staff reports for today's Public Hearings on sPower's three SUPs provide notification that sPower would like credit given for recycling value in the decommissioning and bonding conditions. **CCSC recommends strongly against modifying the PC approved (and the staff recommended) conditions to provide credit for recycling value.**

After extensive research over the last year and a report from the county's consultant (Dewberry), the staff recommended that the Planning Commission provide no credit for recycling values. The Planning Commission agreed and included that provision several times in their approved conditions. From the staff report for SUP18-0001, Page 18: "Since recycling values and costs in the future is unknown, no credit is permitted in the current conditions."

Summary (details below):

- 1) Recycling of panels cost \$\$\$. The minimum value of \$36.7 million that the Planning Commission and staff have established should be significantly higher because there is a cost to recycle solar panels. The decommissioning cost estimate should be **at least \$67 million**.
- 2) sPower has not demonstrated that there is any market for used PV panels.

From the Planning Commission's decommissioning conditions page 6:

"Prior to the issuance of a land-disturbing permit to construct the Facility and in no case later than three (3) months after approval of this Special Use Permit, the Operators shall produce to the County an estimate of the above costs by line item and the surety guaranteeing the payment of those costs and the decommissioning work. The amount of the surety shall be no less than the Property's proportionate share of the Thirty-Six Million Seven Hundred Five Thousand Six Hundred Forty-One Dollars (\$36,705,641.00) already estimated, and excluding recycling credits, as provided by the Applicant's 'Project Decommissioning and Site Restoration Cost Estimate' attached hereto as 'Exhibit G'."

For background, sPower has submitted three decommissioning plans with cost estimates. Each one has been determined by staff to be inadequate and not responsive to the staff and Commissioner's concerns about adequate bonding amount. Ultimately, the Planning Commission approved detailed decommissioning conditions to ensure that the county is adequately protected and to ensure that sPower complies with the County's SEF ordinance 23-4.5.7.

The purpose of the decommissioning bond is to protect the county if/when the site is being abandoned. Decommissioning will occur when it is no longer economic to operate and maintain the facility – for whatever reason. The company that owns it (whether sPower or another entity) is no longer making money and they can't find another buyer for the asset so it must be shutdown. The bond ensures that the decommissioning will be done properly. If the company going out of business does not have a big enough bond to cover the costs, then they are likely to just walk away - the LLC structures allow for streamlined corporate decision making in this instance. The site then becomes the county's problem and expense. In this case, a large site filled with toxic material.

1) Recycling of panels:

During the Planning Commission Public Hearing, the staff noted that they don't see eye-to-eye with sPower on recycling of the solar panels. That's an understatement. The first version of the staff report for SUP 0001 dtd Nov 29th (pg 15 under Key Findings, Against) said that: "The decommissioning bond value cannot be accepted as proposed." The staff report also required "decommissioning plan revisions as recommended by the County's consultant (Dewberry) to address the full breadth of decommissioning a SEF."

sPower has not changed the recommended bond value since then and has not accepted the higher amount. Additionally page 3 of Dewberry's report (dtd 11/26/18) stated "Dewberry recommends that the County require bonding the actual cost of the decommissioning before the recycling amounts are figured in."

sPower's latest decommissioning Conceptual Cost Estimate lists a cost of over \$11 million to remove and recycle the photovoltaic modules. It also includes a credit of over \$8 million as a result of recycling the panels. No reference or evidence was provided to support the \$8 million estimate. Even sPower's consultant, Dr Fthenakis testified on Jan 2nd that First Solar charges to recycle their panels. I've contacted two of the PV panel recyclers that sPower lists in their decommissioning plan and was provided the following costs to recycle the Jinko (crystalline silicon) panels (correspondence from recyclers included as an attachment to this email)*:

Dynamic Lifecycle Innovations: 40 cents/lb

Cleanlites Recycling: 48 cents/lb

The Jinko CrSi panels weigh 58.4 lbs

Using 100% CrSi panels (as specified by the PC's conditions):

1,800,000 CrSi panels (Dynamic Lifecycle @ 40 cents/lb and 58.4lbs each): \$42,048,000

*while sPower or the county may be able to negotiate bulk or industry discounts with these recyclers, sPower has provided no information to indicate that these price quotes are incorrect.

Based on these estimates, the county would be facing over \$40M to dispose of these panels (in today's dollars) - not an \$8 million credit as sPower's estimate assumes. Since only \$11 million is included in their cost estimate to remove and recycle the panels, there will be an additional cost of approximately \$31 million to dispose of these panels. These estimates will force sPower to adjust their total decommissioning cost from the PC and staff recommended \$36.7 million to over \$65 million. Dr Fthenakis mentioned that he expects the market for panel recycling to change as panels become obsolete and need to be replaced or facilities are decommissioned. If that prediction is correct, then sPower can work with the county to adjust the bond downward every two years as their attorney has suggested. **However, there is no market now.** If anything the county should over calculate the bond to provide an incentive for the developer to do the decommissioning work themselves rather than walk away and leave it to the county. This protects the county and is in accordance with the SEF ordinance.

Additionally, the Electric Power Research Institute (EPRI) conducted a study in 2018 to estimate decommissioning costs for a conceptual 11MW solar plant at the end of its useful life. Their key finding was negative net salvage value of \$83/KW which equates to \$41.5 million for sPower's proposed plant. The actual cost for sPower's plant will be higher since the study assumed panels will be landfilled. Link: <https://publicdownload.epri.com/PublicDownload.svc/product=000000003002013116/type=Product>

Additional supporting information is attached:

- Emails from recyclers.
- Links to 4 articles on the current state of the solar recycling industry

2) Market for used solar panels

sPower contends that since they are making such a large investment in this utility solar facility that someone will purchase the used panels intact on the resale market. However, we have found no evidence (and sPower has not provided any) that there is a market for used panels. What developer is going to install 5 or 10 year old

solar panels of unknown condition when newer technology is available? The technology in this industry is constantly changing.

CCSC recommends strongly against modifying the PC approved (and the staff recommended) conditions to provide credit for recycling value and recommends a bond value of approximately \$67 million to cover the full costs (in today's market) to properly dispose of this facility.

Thank you and please contact me with any questions.

Sean Fogarty
Livingston District

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Donna Mayfield

From: Sean Fogarty <sfogarty77@verizon.net>
Sent: Tuesday, March 26, 2019 5:24 PM
To: Paul D. Trampe
Cc: Thomas G. Benton; David Ross; Gary Skinner; Chris Yakabowski; Kevin Marshall; Timothy J. McLaughlin; Mark Taylor; Wanda Parrish; Edward Petrovitch; Dave Hammond; Karl Holsten
Subject: April 9th BOS meeting venue

Dr Trampe,

At this evening's BOS meeting please consider voting to change the April 9th meeting to a larger venue. That meeting will have the sPower SUPs on the agenda and possible votes on conditions and even final approvals of the SUPs. These proposals have generated intense public interest with hundreds of attendees even after public comment was complete. There was a public notice in today's paper for a BOS/VDOT joint public hearing for April 9th which will add to the crowd size because of interest in the public comment for that topic. I'm sure that hearing can be moved via an updated notice.

The last two BOS meetings (March 12th and 19th) were standing room only and citizens were once again turned away or told to stand in the lobby for the 4-5 hour hearing. The March 12th hearing included the school budget working session and associated public comment as well as extensive discussion and testimony on the sPower SUPs. The March 19th hearing was primarily focused on the sPower SUPs. Many citizens are giving up - either turning around and going home when they see the situation or not coming at all because the county will not accommodate them.

I made a similar request a couple weeks ago (prior to the March 12th meeting) and was informed by the County Administrator that people could stand in the lobby or go to the Marshall Center and watch on a monitor. Dozens of them did stand in the lobby for hours. FYI - that hearing didn't adjourn until after 1am the next morning.

I don't think it serves the public very well to continue with this situation. The County had 3 successive Planning Commission meetings in the Marshall Center to accommodate the crowds. A similar venue change seems to make sense when such large crowds are anticipated.

Thank you and best regards,

Sean Fogarty
Livingston District
540-972-4957

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Donna Mayfield

From: Sean Fogarty <sfogarty77@verizon.net>
Sent: Monday, March 18, 2019 9:49 PM
To: Thomas G. Benton; Paul D. Trampe; Chris Yakabouski; David Ross; Kevin Marshall; Gary Skinner; Timothy J. McLaughlin
Cc: Mark Taylor; Wanda Parrish; Karl Holsten
Subject: EDITORIAL: Solar project is too big for Spotsylvania | Editorials | fredericksburg.com

Supervisors,

FYI - the Free Lance Star's editorial board has posted their position on this project - excellent piece! It will be in tomorrow's paper.

Best regards,

Sean Fogarty

Link:
https://www.fredericksburg.com/opinion/editorials/editorial-solar-project-is-too-big-for-spotsylvania/article_cc723e76-612e-5f3a-95e2-9614cc1768cb.html

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Donna Mayfield

From: Sean Fogarty <sfogarty77@verizon.net>
Sent: Thursday, March 14, 2019 10:22 PM
To: Wanda Parrish
Cc: Mark Taylor; Karl Holsten
Subject: Followup from Tuesday's hearing re spending and tax benefit

Wanda,

I'm forwarding a followup email I sent to Mr. Marshall today. I've since forwarded it to all of the Supervisors. It addresses some of the questions at Tuesday's hearing.

Best regards,

Sean Fogarty

Begin forwarded message:

From: Sean Fogarty <sfogarty77@verizon.net>
Date: March 14, 2019 at 1:25:58 PM EDT
To: kmarshall@spotsylvania.va.us
Cc: Dave Hammond <davehammond@gmail.com>
Subject: Followup from Tuesday's hearing re spending and tax benefit

Mr. Marshall,

I'm following up on your question to Dr Bellas concerning the economic report that he provided to the Board at Tuesday's hearing (actually early yesterday morning). You questioned how much of people's income would be spent in the County as opposed to going to nearby counties (i.e. the Walmart in Orange County). The hour was late and I understand the Board needed to move on to the other Public Hearing so I wanted to reemphasize Dr Bellas' point. He is using the same government estimates for the distribution of spending that sPower (Mangum) is using. SPower can't know how many of their jobs and associated spending will be done in the county either. Many of the 20 employees that they state in the Mangum report (34 FTEs with the ripple effect) could reside in Orange or Culpeper county and/or spend much of their \$\$ there. Dr Bellas is simply comparing apples to apples when considering the potential economic impact of other uses that the landowners might have for that property over the next 40 years.

Dr. Bellas' key message is that the county should carefully consider the economic impacts before locking the county into a declining tax revenue for 40+ years for an industrial use such as this utility solar facility. Additionally, 40 years is only the estimate in the Mangum report - the SUPs are written such that there is no sunset date on this project.

Dr Bellas is not saying that the landowners should not be allowed to sell their property. They can sell their property at any time to anyone. However, it's the Board's decision whether or not to approve sPower's SUPs to build the first ever solar energy facility in the county on this

property (6,350 acres total) with such a negative/decreasing fiscal and economic benefit to the county when compared with other land uses.

When you visited us out here and over at Michael O'Bier's you indicated that you didn't see how sPower can be required to provide any monetary incentives for the project. As was confirmed at the hearing on Tuesday, any promises on their part are unenforceable. So all you're left with is tax revenue and economic development benefits and they don't amount to much.

FYI - Dr Bellas is a noted economist in our region who has, in fact, worked with Mr. Payne on other development projects. He has a sterling reputation and is available to discuss this further.

Dr. Bellas' analogy is that if the graph plot of sPower's tax revenue was your retirement account, you really would not be happy. In my opinion this proposal will be a very bad deal for the county both fiscally and economically.

Please let me know if you need additional information from Dr Bellas or would like to discuss with him further. We can arrange a phonecall as convenient.

Thank you and best regards,

Sean Fogarty
540-972-4957

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Donna Mayfield

From: Sean Fogarty <sfogarty77@verizon.net>
Sent: Monday, March 18, 2019 1:17 PM
To: Wanda Parrish
Cc: RUSSELL MUELLER; Dave Hammond
Subject: FW: sPower's proposal to landfill 1.8 million panels

Wanda,

In looking at the last email from Ben Saunders about PV module recycling, it's not clear to me what they're saying now. The 15 Nov Conceptual Cost Estimate doesn't talk about landfilling panels – only recycling. It doesn't say they plan to salvage them either (definition: reuse them in the current configuration). It appears that you're trying to get them to provide the basis for the \$8,175,756 credit number but their first answer (Saunders' March 13 email) says they would "landfill the rest of the PV module (glass and substrate)" which wasn't even mentioned in the cost estimate. Being honest, I think they're trying to back into that number by claiming landfilling at the last minute (which is prohibited in the conditions anyway). The other disconnect is in the most recent email (Saunders March 14) where he states that he received more information about the recycling value estimates and lists the recycled glass value of \$0.07/lb. The previous email said they were going to landfill the module including the glass. They can't get any value of recycled glass without sending it to a recycling facility – you don't just remove the glass from the substrate in the field – they're bonded together.

Until they provide you a complete breakdown of the weights, costs etc, their numbers still don't add up. And of course I don't think the county wants to allow them to landfill 1.8M panels as I noted in my earlier email to the BOS.

Thanks,

Sean

From: Sean Fogarty [mailto:sfogarty77@verizon.net]
Sent: Monday, March 18, 2019 11:02 AM
To: GBenton@spotsylvania.va.us; PTrampe@spotsylvania.va.us; cyakabouski@spotsylvania.va.us; David Ross (David.Ross@Spotsylvania.va.us); kmarshall@spotsylvania.va.us; McLaughlinTJ@spotsylvania.va.us; gskinner@spotsylvania.va.us
Cc: wparrish@spotsylvania.va.us; kholsten@spotsylvania.va.us; mtaylor@spotsylvania.va.us; Dave Hammond (davehammond@gmail.com); epetrovitch@spotsylvania.va.us; BOS@spotsylvania.va.us; Concerned Citizens Spotsylvania (concernedcitizensfawnlake@gmail.com); RUSSELL MUELLER (rmueller540@comcast.net)
Subject: sPower's proposal to landfill 1.8 million panels

Supervisors,

Since you will likely be discussing decommissioning at tomorrow's hearing, I feel it's important to provide a short summary of sPower's recent change in position on this important topic. I won't repeat the analysis of recycling costs that I sent you two weeks ago – it is included at the end of this email.

- SPower's decommissioning plan includes a total credit of \$25.7 million for "recycling." Their plan defines recycling as "material will be reconstituted into a new product." The cost estimate does not include any landfill option.

- Their plan also identifies the recycling companies who would perform this recycling - all SEIA approved: First Solar, Dynamic Life Cycle Innovations, Cleanlites Recycling, and Clean Harbors. As outlined in my earlier email, there are significant costs associated with recycling the PV panels based on written quotes from these recycling companies.
- CCSC, county staff and the county's consultant (Dewberry) pushed back strongly on their recycling claims and both the PC's and staff's conditions prohibit credit for recycling.
- Last week, sPower forwarded an email to the county staff stating that it is now their intention to landfill the panels which is specifically prohibited in both the PC and staff conditions (SUP condition A.19.b).
- These panels contain cadmium, tellurium, lead, silver, indium etc

Now that sPower has been exposed - no one will pay them to recycle these panels as claimed - they are changing their entire approach for decommissioning to one of landfilling all 1.8 million panels (including the Cadmium Telluride – if those types of panels are not prohibited).

I strongly encourage the Supervisors to dismiss this latest attempt to ruin our environment and health and to maintain the PC approved and staff recommended conditions of no credit for recycling and the prohibition on landfilling of these panels. I also recommend a surety of \$67 million as detailed below to cover the current costs of recycling all of these panels.

I will be available during tomorrow's public hearing to provide further details on my discussions with sPower's recycling companies, the Electric Power Research Institute and other experts in this field who have not been made available to you by sPower.

Thank you and best regards,

Sean Fogarty
540-972-4957

A few quotes from industry and other experts in the field including sPower's own expert, Dr Fthenakis:

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SPower expert Dr Fthenakis from a paper where he was studying the environmental issues with PVs. He is against landfilling the panels. Referring to CdTe panels:

Dr Fthenakis: Sustainability Metrics for Extending Thin Film Photovoltaics to Terawatt levels, April 2012: "Nevertheless, there could be other pathways for uncontrolled releases in extreme situations, and therefore, every effort should be made to collect the modules and recycle the contained metals at the end of their useful lifetimes."

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<https://www.seia.org/initiatives/seia-national-pv-recycling-program>

"Members of the Solar Energy Industries Association® (SEIA) are committed to responsible end-of-life management and are proactively developing collection and recycling processes for the solar industry." SPower is a member!

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First Solar has a recycling program for CdTe. So sPower wants to landfill them instead of paying \$6.50/panel to First Solar?

“First Solar’s recycling program was established at the beginning of production to responsibly recycle manufacturing scrap, warranty returns and end-of-life panels.”

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Electric Power Research Institute (EPRI) study Sept 14, 2016: referring to CrSi panels:

“Disposal in regular landfills not recommended in case modules break and toxic materials leach into the soil.”

https://www.solarpowerinternational.com/wp-content/uploads/2016/09/N253_9-14-1530.pdf

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“Approximately 90% of most PV modules are made up of glass. However, this glass often cannot be recycled as float glass due to impurities. Common problematic impurities in glass include plastics, lead, cadmium and antimony.”

San Jose State environmental studies professor Dustin Mulvaney.

https://solarindustrymag.com/online/issues/SI1507/FEAT_02_Act-Now-To-Handle-The-Coming-Wave-Of-Toxic-PV-Waste.html

From: Sean Fogarty [mailto:sfogarty77@verizon.net]

Sent: Tuesday, February 26, 2019 1:45 PM

To: GBenton@spotsylvania.va.us; PTrampe@spotsylvania.va.us; cyakabouski@spotsylvania.va.us; David Ross (David.Ross@Spotsylvania.va.us); kmarshall@spotsylvania.va.us; McLaughlinTJ@spotsylvania.va.us; gskinner@spotsylvania.va.us

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Subject: Decommissioning surety and recycling credits

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Summary (details below):

- 1) Recycling of panels cost \$\$\$. The minimum value of \$36.7 million that the Planning Commission and staff have established should be significantly higher because there is a cost to recycle solar panels. The decommissioning cost estimate should be **at least \$67 million**.
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The Jinko CrSi panels weigh 58.4 lbs

Using 100% CrSi panels (as specified by the PC's conditions):

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Additional supporting information is attached:

- Emails from recyclers.
- Links to 4 articles on the current state of the solar recycling industry

2) Market for used solar panels

sPower contends that since they are making such a large investment in this utility solar facility that someone will purchase the used panels intact on the resale market. However, we have found no evidence (and sPower has not provided any) that there is a market for used panels. What developer is going to install 5 or 10 year old solar panels of unknown condition when newer technology is available? The technology in this industry is constantly changing.

CCSC recommends strongly against modifying the PC approved (and the staff recommended) conditions to provide credit for recycling value and recommends a bond value of approximately \$67 million to cover the full costs (in today's market) to properly dispose of this facility.

Thank you and please contact me with any questions.

Sean Fogarty
Livingston District

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This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Sean Fogarty <sfogarty77@verizon.net>
Sent: Monday, March 18, 2019 12:46 PM
To: Thomas G. Benton; Paul D. Trampe; Chris Yakabowski; Timothy J. McLaughlin; David Ross; Kevin Marshall; Gary Skinner; Aimee Mann
Cc: Wanda Parrish; Mark Taylor; Karl Holsten; Dave Hammond; Edward Petrovitch; Concerned Citizens Spotsylvania; sfogarty77@verizon.net
Subject: Important expert testimony

Supervisors,

When it comes to determining the real economic impact of a large utility scale solar facility in Virginia, the most credible sources are the county officials who have implemented and are living with these large facilities. The only expert testimony you have received on this topic has been from sPower's paid consultant, Dr Mangum. Therefore, I strongly encourage the Supervisors to reach out to Accomack and Southampton counties (as we have done) to learn more about the complete lack of follow-on economic development and the only small uptick in jobs as a result of the construction and operation of these facilities. They also have important lessons learned from their experiences that resulted in significant changes to their ordinances and Comp Plans to restrict future utility solar development in their counties. Accomack and Southampton have the largest utility solar facilities in operation in the state. With all due respect to Dr Mangum and his economic model, he offers no real world data on the economic impact either during construction or after completion of these projects. He offers you a computer model with data inputs provided by sPower.

These are the counties with real world experience in Virginia with large utility scale solar facilities. Talk to the folks who have implemented this in Virginia - in our tax regime, our climate and our regulatory environment:

- Southampton County, VA (Amazon Solar Farm Virginia – Southampton) – 100MW, 1,200 acres.
Beth Lewis – Deputy Director of Community Development (757-562-1003, blewis@franklinva.com)
- Accomack County, VA (Amazon Solar Farm Virginia – Eastern Shore) – 80MW, 900 acres.
Rich Morrison, Deputy County Administrator for Economic Development (757-787-5726)

I recommend that these county officials be asked to come here to testify in front of you or via phone during the hearing. That way you can hear it unfiltered for yourselves.

Here are the questions that we asked them - just within the last month.

- Have you seen any new economic development as a result of the solar facility?
- Does your county benefit from any of the power or is it sold to corporate customers?
- How much local benefit in jobs and economic activity did you experience during construction?
- How many people are currently employed at the facility and type of job?
- Have the tax revenues been as expected after assessment by the SCC (applies to Southampton only)?
- Did the implementation of this large utility solar facility result in the County changing their ordinances and/or Comp Plan as it relates to future solar facilities?

Link to summary of the information that we received from these officials as well as similar responses from Currituck, NC and Mecklenburg, VA officials:

[Economic Impacts from Largest Solar Facilities in VA and NC](#)

Thank you and best regards,

Sean Fogarty
540-972-4957

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This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: David Ross
Sent: Monday, March 18, 2019 8:32 PM
To: Sean Fogarty; Thomas G. Benton; Paul D. Trampe; Kevin Marshall; Gary Skinner; Chris Yakabowski; Timothy J. McLaughlin; Aimee Mann
Cc: Karl Holsten; Wanda Parrish; Dave Hammond; Spotsy Kathleen Hayden; kjmmusic@gmail.com; RUSSELL MUELLER; Mark Taylor
Subject: RE: sPower CEO letter and accountability

Sean,

Thank you for your email.

It wasn't long ago two developers came forward during a rezoning and stated they would support a service district tax at the time of rezoning – and then 2 years later that was not supported by either developer like it was at the time of rezoning 2 years prior.

Very good point – thank you.

Dave

David Ross
Courtland Representative
Spotsylvania County Board of Supervisors
Cell – 571.594.0814
Updates on County Business – www.facebook.com/Dave4Spotsy

From: Sean Fogarty [mailto:sfogarty77@verizon.net]
Sent: Monday, March 18, 2019 5:04 PM
To: Thomas G. Benton; Paul D. Trampe; David Ross; Kevin Marshall; Gary Skinner; Chris Yakabowski; Timothy J. McLaughlin; Aimee Mann
Cc: Karl Holsten; Wanda Parrish; Dave Hammond; Spotsy Kathleen Hayden; kjmmusic@gmail.com; RUSSELL MUELLER; Mark Taylor; sfogarty77@verizon.net
Subject: sPower CEO letter and accountability

Supervisors,

To the extent that your decision on these SUPs is dependent on Mr. Creamer's Dec 3rd letter, I respectfully suggest that your confidence is misplaced – these promises cannot be enforced. This letter promises \$25 million over the 40 year life of the project. I challenge the Supervisors or staff to provide similar examples where a developer made a similar UNENFORCEABLE promise of funding at this level and followed through on it (not a proffer or other enforceable requirement). This is unprecedented. Has this ever happened in Spotsylvania County or nearby localities?

Since this massive utility project doesn't stand on its own merits, Mr. Creamer has decided to attempt to buy SUP approval with an unenforceable promissory note. He is merely shifting the Board's attention from the huge risks, including financial risks, by offering very tenuous UNENFORCEABLE promises to those who will listen.

Is the Board willing to provide the auditable, accountable and enforceable documentation to the public that specifies exactly how, by who, and when each and every element of the sPower CEO's promises will be delivered – over the life of this project?

I recommend you consider this information as sPower continues to canvas Supervisors to determine what it will take to secure your vote.

Do you trust them? We don't because of their duplicity on whether or not they are purchasing land from NTS, because of their quiet attempt to uprate their PJM connection which was only withdrawn after citizens discovered it and because of their acceptance of certain conditions after the Planning Commission vote (no burning and no CdTe panels) before switching to opposing those conditions. There are additional areas of great concern involving sPower's corporate risk, accountability and liability that we recommend you review – attached. This short document was compiled at the request of several Supervisors.

Thank you and best regards,

Sean Fogarty, CCSC
Livingston District
540-972-4957

Finally these are some of the many questions that should be answered before proceeding to accept promises from Mr. Creamer:

- Does the attached information and points noted above make you comfortable with accepting this arrangement?
- What is the arrangement? In what form? Verbal? Written?
- What are you not telling the public about other promises from sPower?
- What would happen if (all very reasonable scenarios):
 - Mr. Creamer is unable to continue to serve as CEO for whatever reason and steps down? The letter gets thrown in his trashcan as he walks out the door.
 - sPower comes under financial pressure because of their exposure to the PG&E contracts and is forced to tighten their belts for a few years resulting in a freeze in payments. What if they can't start them back up again? This essentially puts the county in the solar business and subject to the ups and downs of that industry.
 - What happens when sPower sells the project to Dominion or another utility or investment group? New owners will not honor a letter signed by a long gone CEO.
 - What if AES, AIMCo and Ullico (owners of sPower) decide that they're not receiving the desired return on their investment from sPower and let Mr. Creamer go in favor of a new cost cutting CEO who won't recognize an UNENFORCEABLE letter from his predecessor?
- In reference to these promises, Mr. Payne stated at the March 12 public hearing that the items in the Creamer letter of Dec 3rd were suggestions and it would be "up to the county to make that determination" as to allocation of those funds.
- How will those funds (if they appear) be allocated and when since they will be provided "over the life of the project."?
- Which districts will benefit the most?
- Will the Supervisors be making these decisions in private or in public?
- Will the allocation of these phantom funds be subject to change after the next BOS elections?

- Is it worth risking the public welfare and financial health of the citizens of the Livingston District on a promise of the CEO of a company you had never heard of until 14 months ago?

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sPower accountability, risk and liability

There are many unknowns about sPower but there some things that we do know:

- Spower doesn't submit financial reports since their earnings are rolled up into the parent companies (AES, AIMCo and Ullico)
- Other than a phonecall to one of their customers, we're not aware of any due diligence that the county staff or Supervisors have done on this company. More detail can be found at: <https://drive.google.com/file/d/1f5Yc-naDpxLOPhkqbUGlqL3-LuToHrE1/view>
- In November 2018, AES and AIMCo each sold 12% stakes in sPower to insurance and investment company, Ullico. Current ownership structure: AES and AIMCo – 38% each; Ullico – 24%. sPower's briefing material to the Board of Supervisors fails to mention this acquisition and its implications and does not list Ullico as a part owner.
- According to RiverheadLOCAL, sPower attempted to deceive the Riverhead, NY planning board in 2018 involving an environmental approval for a solar facility. Excerpts from Riverheadlocal.com, Oct 4, 2018:
 - "The SEQRA process asked sPower to identify any other projects that may have an impact on the sPower one project," Carey said. 'On several occasions the planning board directly asked sPower representatives about the gen-tie lines and the need for many empty conduits,' an angry Carey said, referring to the underground generation tie line that is proposed to cross Edwards Avenue from west to east, connecting the solar generation facility to an existing LIPA substation on the east side of Edwards Avenue."
 - "In my opinion, this is a lack of information-sharing by sPower and possible willful misrepresentation with intent to deceive," the planning board chairman said. "But at the very least they were certainly not forthcoming."
 - "Carey said the planning board would also deliver to the building department a memorandum recommending that the sPower Riverhead Solar-1 building permit be 'suspended while the supplemental EIS is completed.'"
 - <https://riverheadlocal.com/2018/10/04/riverhead-planning-board-cries-foul-requires-new-environmental-review-for-already-approved-spower-solar-facility/>
- A second incident was an alleged attempt by Incoa Performance Materials to pressure Pensacola, FL city officials into negotiating and approving a 10-year lease at the Port of Pensacola in just a few weeks. sPower Executive Chairman Steven Creamer is the CEO of Incoa. Excerpts from an editorial board piece in the Pensacola News Journal, August 4, 2018:

- “Incoa hired a local attorney to pressure Mayor Ashton Hayward into adding the lease approval to next week’s city council meeting agenda.”
 - “It is absurd and insulting to citizens of Pensacola that little known Utah-based company, Incoa Performance Minerals, has tried to pressure city officials into negotiating and approving a 10-year lease at the Port of Pensacola in just a few weeks.”
 - “It is also crucial that city residents know more about the individuals who are looking to utilize such an important public asset. And Incoa’s CEO, Steve Creamer, has a controversial business history that is fair to evaluate in terms of any potential deal.”
 - “Little also found a 2004 Associated Press article that summed up some of Creamer’s other past problems.
 - ‘The bad parts include a failed highway through the Book Cliffs, engineering problems that contributed to the failure of a dam near St. George, a proposal to bring spent nuclear fuel to Southern Utah and an experimental paving material called Syncrete that cracked and crumbled before an expensive road project was even completed, costing the state millions...’
 - Later, Creamer served as CEO of a company called EnergySolutions, which became the largest nuclear waste company in the United States, then called Envirocare. Reporting on the company describes Creamer as an environmentally controversial figure deeply entrenched in the world of Utah politics.”
 - <https://www.pnj.com/story/opinion/2018/08/04/pensacola-incoa-right-pause-scrutinize-port-proposal-editorial/888229002/>
- On Feb 4, 2019, sPower subsidiary Seneca Wind failed to get a restraining order against 30 landowners who do not want to move forward on a massive sPower wind project in Ohio. Legal action continues between the landowners and sPower.
https://www.toledoblade.com/business/2019/02/04/seneca-wind-farm-fails-to-get-restraining-order-against-leaseholders-robert-pollex/stories/20190204136?fbclid=IwAR28TAUgbD2_1MbBN8CQJnfGGXhfvt3pNMhucwc4BJru648qqlm69Hgi28s

PG&E bankruptcy: While nobody knows with absolute certainty how the protracted legal battles will play out over the next two to four years, what’s at stake is about \$42 billion in legacy Power Purchase Agreements (PPAs) that PG&E has entered into, mostly for above-market renewable energy supplies from providers that include sPower. According to their website, sPower has no fewer than 40 Utility Energy (742 MW) and 26 Distributed Energy Projects in California as of today. From sPower’s website:

May 18, 2016, California and Salt Lake City. **PG&E awards sPower 60MW of solar Power Purchase Agreements (PPAs)** in CA. Utah-based sPower has been awarded 20-year PPA contracts by PG&E for 60 MW of solar capacity in CA. The contracts are for three projects, named Bayshore A, B and C, which are all situated in Lancaster, southern California. "We are excited to expand our relationship with PG&E to a total of more than 100MW of solar, helping

them achieve their goals to deliver safe, reliable, clean energy to their customers," said Ryan Creamer, sPower CEO, in a statement. "We admire PG&E's leadership in clean power transformation and are pleased to be part of the process."

The risks and liability associated with sPower's direct and indirect contracts with PG&E, as well as its intertwined regulatory, political and contractual agreements with multiple other partners in CA must be fully, not selectively, disclosed. Failure to do so will potentially result in negative economic and fiscal impacts upon county residents. Additional info:

https://drive.google.com/file/d/1XFVygGrKn2SYONfPLB9zL_k2dD_1Omc/view

Updated: April 1, 2019 @ 1:37 pm

Full Forecast



EDITORIAL: Solar project is too big for Spotsylvania

AFTER meeting with both sides and reviewing reams of documents, we've determined that the rancorous year-long debate over a proposed 6,350-acre solar power plant that has pitted Concerned Citizens of Spotsylvania County, a small local grassroots group, against a large, out-of-state corporation comes down to this: the project is way too big for western Spotsylvania County, and there are too few benefits to county residents to offset this major deficiency.

Utah-based Sustainable Power Group (sPower) wants to turn 10 square miles of agriculturally-zoned land that was previously a tree farm into a forest of solar panels, making it the largest solar facility on the East Coast. The company's plan to shield this utility-sized power plant from view with trees and berms doesn't change the fact that it is massive in scale.

Too massive, in fact, for an agricultural zone that abuts a residential area. Which is why the county's Planning Commission recommended that sPower be given a special use permit to erect solar panels only on 245 acres, the smallest of its three connecting sites and also the one farthest away from homes.

Some objections to the 500-megawatt, \$615 million project, including nearby residents' fears that the proposed solar facility would cause major environmental and health problems during construction and its subsequent 30 years of operation, seem somewhat overblown, and more attributable to a Not In My Backyard attitude that is making it harder and harder to erect needed infrastructure pretty much anywhere.

Both sides have hired appraisers who disagree on what impact the solar farm would have on nearby home values, but it seems beyond dispute that solar panels would be quiet, undemanding neighbors. sPower has also committed to spending \$25 million in community upgrades, including replacing aging water pipes in Fawn Lake, although the company admits that these enticements are not legally enforceable.

But sPower's resistance to posting a cash bond or irrevocable letter of credit to protect Spotsylvania taxpayers from what could be an enormous cost of decommissioning and disposing of 1.8 million solar panels containing toxic cadmium telluride at the end of their useful lifespans if the project's multiple

limited liability corporations skip out is troubling. So is its insistence that the supposed future recycling value of the spent panels three decades from now be included in its current decommissioning plan.

Related to the project's massive scale—in an area that is much closer to a residential area than most of the nation's solar facilities of its size—is the fact that sPower has already contracted to sell all of the electricity generated by the proposed Spotsylvania solar facility to power-guzzling tech giants Apple and Microsoft, as well as the University of Richmond.

Microsoft, which already has a data center in Loudoun County, is utilizing tax breaks and a \$1.5 million state grant to expand in Mecklenburg County. The expansion will add 100 more jobs, but they'll all be in Southside, not Spotsylvania.

sPower points to millions of dollars of increased tax revenues the land would generate as a solar plant instead of a tree farm, with no corresponding pressure on county services that a residential subdivision in that same location would create. But a tree farm and a suburban subdivision are not the only options there.

Dr. Dean Bellas of Alexandria-based Urban Analytics, who was hired by Concerned Citizens to analyze the economic impact of the proposed solar farm, noted that “under the sPower proposal, Spotsylvania County will receive declining tax revenues annually on a per-acre basis on an appreciating asset (real estate).”

Bellas concluded that “the forgone tax revenues to Spotsylvania County from alternative development scenarios are substantial... The County would also enjoy larger economic benefits (new jobs, new labor income, and the multiplier effect on the local economy) with less acreage needed.”

Bottom line: If Microsoft or Apple were building a new data center in Spotsylvania County and creating high-paying jobs there, a good case could be made for building such a large solar facility alongside to power it. But that's not the case. All of the electricity produced, and most of the jobs the project will support after a brief construction period, will be elsewhere.

Even under a best-case scenario with no adverse impacts on local residents, Spotsylvania County will forgo the possibility of more lucrative economic development in the area for a 30-year deal that will mostly benefit sPower and two of the largest corporations in the world. Property taxes and a \$25 million good-faith gesture are not enough to offset the potential loss of new jobs, future economic development and the increased tax revenue it would bring, and the loss of thousands of acres of agricultural land.

Solar power can and should be part of Virginia's energy mix, but this project is too big and offers too few benefits to the county. The Board of Supervisors should follow the Planning Commission's recommendation and grant sPower a special use permit only on the smallest of the three parcels.

Phone: 540-374-5000

Email: newsroom@fredericksburg.com

Donna Mayfield

From: Brandi <bcfogle@aol.com>
Sent: Monday, March 18, 2019 6:00 PM
To: Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com; Chris Yakabouski; Thomas G. Benton
Subject: Save our county: DENY sPower

- As a resident of the LIVINGSTON district and a school employee, I strongly believe you should do the right thing and DENY this project. Looking at **2 very different Mangum Reports** one dated **May 2018** and the other dated **February 13, 2019(revised)**, this is a disaster for the county taxpayers and our future generations.

Respectfully,

Brandi Fogle

Sent from my Verizon 4G LTE Droid

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Donna Mayfield

From: Lee Fox <lcfox777@gmail.com>
Sent: Monday, March 18, 2019 5:55 PM
To: Aimee Mann; Paul D. Trampe; Gary Skinner; Thomas G. Benton; Kevin Marshall; David Ross; Timothy J. McLaughlin; Chris Yakabouski
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

Gentlemen of the Board,

I respectfully urge you to consider the reasoned objections of so many Spotsy residents who have thought this through and will have to live with the consequences of this risky experiment being brought to our county by a corporation with such a poor record and reputation as sPower.

Thank you,

Lee Fox
Livingston District resident

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Donna Mayfield

From: Francois Baird <Francois.Baird@bairdsus.com>
Sent: Tuesday, March 19, 2019 5:26 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; mclaughlinTJ@spotylvania.va.us; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor
Cc: concernedcitizensspotsylvania@gmail.com
Subject: Deny SPower

Dear Board of Supervisors,

The proposed replacement of 6500 acres of trees by an industrial energy factory of the size of Manhattan is a the wrong decision for Spotsylvania. Instead of building such a megafactory ina rural area, you should find industrial land for this purpose.

I have never before participated in local politics, but will work my hands to the bone for anyone opposing you in the next election of you vote to go ahead with this proposal.

May I also register my disgust and protest at SPower for declaring those, like me, who oppose their energy factory as being coal advocates. This is a demonstration of how the county will be treated, every time they want their way. I like renewable energy and will support it if it were erected on industrial land. This is a destruction of rural land and a rural county.

You will be aware of this article in the Free Lance Star, which explains the matter much more eloquently than I, but I concur with its content: https://www.fredericksburg.com/opinion/editorials/editorial-solar-project-is-too-big-for-spotsylvania/article_cc723e76-612e-5f3a-95e2-9614cc1768cb.html?fbclid=IwAR2QM8X8me-2GQraMf39C4oBXUG9Ysf9UM951Bnww8lGniVjFh_xtv2lhA

François Baird
Chairman and Founder
Baird's US LLC/Baird's CMC Limited/Calbridge (Pty) Ltd/FairPlay anti-dumping movement
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francois.baird@bairdsus.com
francois.baird@bairdscmc.com

www.bairdscmc.com
www.presidentialprecinct.org
www.fairplaymovement.org
www.montpelier.org

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Donna Mayfield

From: Richard Street
Sent: Monday, March 18, 2019 7:58 AM
To: deborahgfox1@gmail.com
Cc: Donna Scott; David Ansell; Wanda Parrish
Subject: RE: Aerial photos of clearing on the proposed solar site

Mrs. Fox,

The clearing of the property was and is part of a department of forestry (DOF) activity and is being performed for the current property owner(s). It falls under an exemption from our local review or inspections because they are regulated by DOF directly.

All state agencies must abide by the Chesapeake Bay act and must have erosion control measures in place before and during the activity.

The County has no control or regulatory authority to enforce a forestry practice unless the DOF agents contact us for a violation and for this project there was no violations called in at all.

I am sorry that this does not adequately answer your concerns but you are expressing the same concerns that have been presented to DEQ and other state officials over the years that we need help with. I have personally seen little change in DOF practices my 40+ years of this type of work.

Richard A. Street, DCA0122

Deputy Director of Environmental Codes
CBA, ESC & SWM Program Administrator
Floodplain Administrator
Environmental Engineer
Spotsylvania County, Virginia
9019 Old Battlefield BLVD. Suite 300
Spotsylvania VA 22553
(540) 507-7426
rstreet@spotsylvania.va.us

Note: This email does not constitute an official zoning determination pursuant to Virginia Code, Title 15.2.

-----Original Message-----

From: Donna Scott
Sent: Friday, March 15, 2019 8:21 AM
To: Richard Street <RStreet@spotsylvania.va.us>; David Ansell <DAnsell@Spotsylvania.va.us>; Wanda Parrish <WParrish@spotsylvania.va.us>
Subject: FW: Aerial photos of clearing on the proposed solar site

-----Original Message-----

From: Deborah Fox [mailto:deborahgfox1@gmail.com]

Sent: Thursday, March 14, 2019 11:14 PM

To: Donna Scott <DScott@spotsylvania.va.us>

Cc: Aimee Mann <AMann@spotsylvania.va.us>; concernedcitizensspotsylvania@gmail.com

Subject: Aerial photos of clearing on the proposed solar site

Attn: Mr. Richard Street

Deputy Director for Storm Water and Erosion Control

Mr. Street:

The following photographs were taken last weekend from our airplane flying over the 6,000 acre site being considered for the solar power plant. I am not being melodramatic when I say that from the air, "it looks like the bomb hit!"

Having worked with you, several times, over the years to make sure everything done on our property was in accordance with the (very strict) rules of the Chesapeake Bay Conservation Authority regarding RPA, I do not understand how what has been done to this land could possibly have complied with those same rules.

The barren areas you see have, in some cases, been barren for many months. People down in the areas near W. Catharpin and Post Oak have had literal streams running across their properties during rainy times in the last few months. One woman took a picture of her grandson canoeing across her yard in the deep run off!! There are four streams on this property that eventually flow into the Po River, and ultimately reach the Chesapeake Bay!! What we see in these pictures only shows part of the area and, also, does not show anywhere near the complete clearing and land disturbance that will be done for the installation of the solar panels if this project is approved!

You don't have to take my word for this, we are more than willing to take you up in our single engine, 4 passenger Mooney Aircraft (at Shannon Airport) to view this for yourself, anytime you are available.

Just let us know. My husband is a retired commercial pilot, so you can feel comfortable flying with him.

When I saw this, I honestly felt as though the rules that apply to the citizens of the county, do not apply to major landowners and corporations. The devastation to the land and subsequent potential for damage to the Chesapeake is thousands of times greater (based on the acreage) than anything a homeowner could possibly do. As homeowners, we are threatened with fines, etc. if we don't comply with the environmental rules. Why have the owners of these properties not been, and why has this land been allowed to be devastated and remain barren for so very long??

I heard you talk at the Planning Commission meeting about how your office will be monitoring sPower, for compliance, if this is approved.

Seeing what has happened so far, apparently without your knowledge or intervention, I'm not confident that will be done satisfactorily.

Respectfully,
Deborah and Lee Fox
Livingston District

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Deborah Fox <deborahgfox1@gmail.com>
Sent: Wednesday, March 27, 2019 12:17 PM
To: rob.farrell@dof.virginia.gov; ed.zimmer@dof.virginia.gov; Richard Street; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Gary Skinner; Thomas G. Benton; Paul D. Trampe
Cc: Richard Genaille; Michael Anastasio; Wanda Parrish; Mark Taylor; Aimee Mann; concernedcitizensspotsylvania@gmail.com
Subject: Reply to your response of 3/25/19 wth more information

Mr. Farrell,

Thank you for your thorough and informative response. You obviously cared enough to put in a significant amount of time to make sure I understand the "system", if you will. Your detailed explanation raises new questions. You stated:

"Should the solar project be approved, the timber harvest would be designated as development and Spotsylvania County would assume responsibility. Also, if anyone begins to clear the land by digging up stumps or doing any site work beyond that which is justified for forestry then the VDOF will determine that the silviculture exemption no longer applies and alert the locality."

With all due respect, I must say that it's pretty clear your department is not making inspections frequently enough!! *There is stumping being done* (and has been for some time) *and serious run off problems as well as RPA encroachment and erosion runoff violations*. There has also been clearing done inside the RPA! There are logging roads that run through streams (with fresh vehicle tracks) on the property. We have photographs of all of this to back up what we say. A few representative examples are included herein.

I have just been made aware that two other members of our organization (Concerned Citizens of Spotsylvania) have been communicating with the local and state authorities. Mike Anastasio has been in communication with Ed Zimmer in your Department. Richard Genaille has toured the area with some of the Spotsylvania County Supervisors and has seen the destruction first hand. In the interest of simplifying the communication on this for efficiency's sake, Mike Anastasio and I will bow out and let Richard Genaille be the point of contact going forward. I have copied both of them on this email.

Mr. Genaille has numerous photographs and videos of violations (based on the info and requirements specified in your last email). He is willing to escort you to the locations where the photos were taken. Please direct any questions regarding these to Mr. Genaille. Richardgenaille@gmail.com 571-215-3668

I thank you for your time and information. I trust your contact with Mr. Genaille will result in some action being taken to stop this abuse of our county's land and waterways.

Deborah and Lee Fox
Livingston District

Photo 1: Stump pile



Photo 2: Tractor Fluid and motor oil containers left on site. There are many other spots where such containers have been left behind.



Photo 3: Puddle contaminated by tractor fluid or motor oil. Many other similar sites exist.



Photo 4: Evidence of timbering encroachment on RPA.



Photo 5: Evidence of timbering encroachment on wetlands



Photos 6, 7, 8: Evidence of erosion into the Whitehall Creek and Whitehall Creek RPA wetlands.





Donna Mayfield

From: Francois Baird <Francois.Baird@bairdsus.com>
Sent: Tuesday, March 19, 2019 5:26 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; mclaughlinTJ@spotylvania.va.us; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor
Cc: concernedcitizensspotsylvania@gmail.com
Subject: Deny SPower

Dear Board of Supervisors,

The proposed replacement of 6500 acres of trees by an industrial energy factory of the size of Manhattan is a the wrong decision for Spotsylvania. Instead of building such a megafactory ina rural area, you should find industrial land for this purpose.

I have never before participated in local politics, but will work my hands to the bone for anyone opposing you in the next election of you vote to go ahead with this proposal.

May I also register my disgust and protest at SPower for declaring those, like me, who oppose their energy factory as being coal advocates. This is a demonstration of how the county will be treated, every time they want their way. I like renewable energy and will support it if it were erected on industrial land. This is a destruction of rural land and a rural county.

You will be aware of this article in the Free Lance Star, which explains the matter much more eloquently than I, but I concur with its content: https://www.fredericksburg.com/opinion/editorials/editorial-solar-project-is-too-big-for-spotsylvania/article_cc723e76-612e-5f3a-95e2-9614cc1768cb.html?fbclid=IwAR2QM8X8me-2GQraMf39C4oBXUG9Ysf9UM951Bnww8lGniVjFh_xtv2lhA

François Baird

Chairman and Founder

Baird's US LLC/Baird's CMC Limited/Calbridge (Pty) Ltd/FairPlay anti-dumping movement

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www.bairdscmc.com

www.presidentialprecinct.org

www.fairplaymovement.org

www.montpelier.org

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Donna Mayfield

From: Brian Frederick <bcfrederick1@verizon.net>
Sent: Monday, March 18, 2019 6:03 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner
Cc: Mark Taylor; Wanda Parrish; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

I am a resident of the Livingston district. There is NO benefit to Spotsylvania from the sPower solar plant. There is only risk, lost tax revenues and unknowns.

Please DENY sPower!

Carol Frederick
Livingston District

--

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Donna Mayfield

From: Brenda Garner <bamamom331@gmail.com>
Sent: Monday, March 18, 2019 6:02 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower.

I don't want solar panels in Livingston DISTRICT. I'M a resident in Livingston for 40 years. Say no to spower!!! Save our county.

--

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Donna Mayfield

From: Jennifer Armstrong Gay <jarmstronggay@yahoo.com>
Sent: Monday, March 18, 2019 10:28 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

I have read materials, reviewed studies and listened to arguments both for and against this proposed project. But even after doing so there are still too many unknowns. And it is those unknowns... those risks... that have me asking you to please vote NO. The risks are simply too great!

- It is the health and wellbeing of my children and family on the line.
- It is the sustainability of our business and value of our home on the line.
- It is the financial and environmental health of our county on the line.

I am not willing to gamble on any of those things...

There has to be a reason that no other solar plants have been built this close to residential areas... likely because there are too many unknowns, too many potential hazards and the risks are too great.

As a Spotsylvania County resident, a tax-payer, a local business owner, a homeowner and as a mother I ask you to please vote NO.

Respectfully, Jennifer Armstrong Gay

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Donna Mayfield

From: Richard Genaille <richardgenaille@gmail.com>
Sent: Monday, March 18, 2019 6:29 PM
To: Paul D. Trampe; Gary Skinner; Chris Yakabouski; Kevin Marshall; David Ross; Thomas G. Benton; Timothy J. McLaughlin; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Cc: Judy Genaille
Subject: SAVE OUR COUNTY - DENY SPOWER

Honorable Supervisors,

I am a resident of the Livingston District. I have serious reservations regarding public health and safety risks associated with the proposed Spotsylvania solar project. My specific concerns are lung damage from open burning of thousands of tons of timber waste, fires spreading from the sites to nearby residences, and hearing impairment from intense noise from multiple pile drivers.

Please make the health and safety of citizens your first and primary priority in deciding the SUPs.

Respectfully,
Richard Genaille

Sent from my iPhone

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: John Goodrich <j_h_goodrich@hotmail.com>
Sent: Tuesday, March 19, 2019 10:34 AM
To: Paul D. Trampe; Gary Skinner; Thomas G. Benton; CYakabouski@spotsylvania.va.us; Kevin Marshall; McLaughlinTJ@spotsylvania.va.us; David Ross
Cc: Mark Taylor; Wanda Parrish; Concerned Citizens Spotsylvania
Subject: The Uglification of Spotsylvania County

Massive, Lost Tax Revenues for 30 years, No Benefits!
DENY!

John Goodrich, Livingston County

--

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Donna Mayfield

From: Jacqueline Goodwin <jdg12@me.com>
Sent: Monday, March 18, 2019 6:10 PM
To: Wanda Parrish; Mark Taylor
Subject: Save our county: DENY sPower

I wanted to let you know that I sent the following message to each of Board of Supervisors... it is very important to me that our elected officials vote responsibly. There should be no "risk taking" when it comes to how this will impact Spotsylvania County citizens.

Neither sPower nor any of us know what the impact of a solar farm this big will be. It is simply irresponsible to allow it to go through as planned at this large a scale. We the citizens of this county should not be the guinea pigs.

Please deny the large scale project.

Jacqueline Goodwin
Livingston District

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Tamara Gostelow <tfgostelow@gmail.com>
Sent: Monday, March 18, 2019 7:22 PM
To: Thomas G. Benton; Timothy J. McLaughlin; Kevin Marshall; David Ross; Gary Skinner; Chris Yakabouski; Paul D. Trampe
Cc: Mark Taylor; Wanda Parrish; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

I am a resident of the Livingston District. I firmly believe this area of Spotsylvania is completely unsuitable for this enormous project. The residents of this county have valid health and safety questions that have not been adequately answered due to the lack of information.

I ask that you please vote "NO" to sPower and protect your constituents.

Tamara Fines Gostelow
Livingston District

Sent from [Mail](#) for Windows 10

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Tamara Gostelow <tfgostelow@gmail.com>
Sent: Monday, March 18, 2019 7:22 PM
To: Thomas G. Benton; Timothy J. McLaughlin; Kevin Marshall; David Ross; Gary Skinner; Chris Yakabouski; Paul D. Trampe
Cc: Mark Taylor; Wanda Parrish; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

I am a resident of the Livingston District. I firmly believe this area of Spotsylvania is completely unsuitable for this enormous project. The residents of this county have valid health and safety questions that have not been adequately answered due to the lack of information.

I ask that you please vote "NO" to sPower and protect your constituents.

Tamara Fines Gostelow
Livingston District

Sent from [Mail](#) for Windows 10

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: chattypatgraham <chattypatgraham@aol.com>
Sent: Tuesday, March 19, 2019 8:38 AM
To: Thomas G. Benton; Kevin Marshall; David Ross; Gary Skinner; Chris Yakabouski; Timothy J. McLaughlin; Paul D. Trampe
Cc: Mark Taylor; Wanda Parrish; concernedcitizensspotsylvania@gmail.com
Subject: Deny sPower Ruination of Spotsylvania

I am a recent newcomer to the Livingston district (not a resident of Fawn Lake) and am vehemently opposed to the 'green-washing' of our precious rural assets. Please deny the big sPower solar plant and preserve the interests of the county and the taxpayers.

Respectfully,
Pat Graham

Sent from my Verizon, Samsung Galaxy smartphone

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Jeff Grann <jeff.successware@icloud.com>
Sent: Monday, March 18, 2019 7:39 PM
To: Paul D. Trampe; Gary Skinner; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: sPower? NO

sPower's plans in Spotsylvania county are nothing but a boondoggle and aren't technologically or economically sound. The citizens of Spotsylvania have spoken. Say "NO" to sPower!!!!

Regards,

Jeff Grann
Spotsylvania VA

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Smoky Greene <smoky42@comcast.net>
Sent: Tuesday, March 19, 2019 7:28 AM
To: Aimee Mann; Paul D. Trampe; Gary Skinner; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our County - DENY sPower SUP

Dear Spotsylvania Co BoS:

I am a resident of the County living in the Fawn Lake community for the past 10 years. I have attended several county government meetings and observed you all patiently listening to both sides of this issue.

Soon you will vote on the sPower SUP. I hope during all the hours of testimony and discussion you will have concluded this huge project carries too much risk and too little benefit for the residents of our County. I know there are powerful political and financial forces at work. Please vote with wisdom and courage.

Respectfully,
Melvin Greene
10508 Wildbrooke Ct
Spotsylvania VA 22551

--

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Donna Mayfield

From: Brad Gregory <bd.gregory@verizon.net>
Sent: Monday, March 18, 2019 6:20 PM
To: Paul D. Trampe; Gary Skinner; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

Please vote to deny the sPower solar project request. It is unconscionable to tear up 5000 acres of trees and call it green energy. Spending our tax dollars (ie solar energy tax credits) in this way is not beneficial to tax payers. It's just another greedy corporation gaming our tax system. Further, sPower has demonstrated through their political "gaming" to be untrustworthy and it would be a mistake for our county to get in bed with a company with no demonstrated longevity or proven track record. Please do not take the risk. Let's leave the trees and replant those that have been removed . . . they will gobble up carbon 24 hours a day. That's what you can GREEN!

thank you!

Brad Gregory

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Peggy Guerra <peggygretired@gmail.com>
Sent: Monday, March 18, 2019 6:37 PM
To: Wanda Parrish
Subject: Deny sPower Application

PLEASE follow the recommendations of your Planning Commission and deny sPower's application. A facility this size DOES NOT BELONG IN A RESIDENTIAL AREA. All the benefits of this monstrosity would go to sPower--with very little GOOD to Spotsylvania County--especially the residents, of which I am one, who will have to live with this ill-considered "experiment". Why would the Board even consider this with all the unknowns and risks? Listen to your constituents, and VOTE NO!!!! I have a feeling that if this project were proposed as your next door neighbor, we wouldn't even be discussing this issue.

Respectfully,

Margaret Guerra

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Planning Panels Victoria
Expert Witness Report

**Solar Farm Planning
Permit Application Nos 2017-162,
2017-274, 2017-301 and
2017-344
for Solar Farms at
Tatura East, Tallygaroopna, Lemnos
and Congupna**

**Report prepared for
City of Greater Shepparton**

7 May 2018

Planning Panels Victoria

Expert Witness Report

Solar Farm Planning
Permit Application Nos 2017-162, 2017-274, 2017-301
and 2017-344
for Solar Farms at Tatura East, Tallygaroopna, Lemnos
and Congupna

Date of Report: 7 May 2018

Report Prepared for City of Greater Shepparton

Prepared by Ken Guthrie

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Disclaimer

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Introduction

1. My name is Kenneth Ian Guthrie and I am the Director of Sustainable Energy Transformation Pty Ltd.
2. I have been requested by Holding Redlich on behalf of the City of Greater Shepparton to provide my opinion in relation to certain aspects of the proposed Solar Farms at Tatura East, Tallygaroopna, Lemnos and Congupna

My Qualifications and Experience

3. I am the Chair of the International Energy Agency's Solar Heating and Cooling Program and until the end of 2017 also Chairman of the ISO Standards Committee on Solar Energy.
4. Until August 2012 I was the General Manager, Sustainable Environs at Sustainability Victoria, Australia, where I oversaw programs to increase the deployment of sustainable energy technologies.
5. I have Engineering qualifications from Melbourne University, and postgraduate business qualifications.

My area of expertise to make the report

6. I have worked in the area of renewable energy since 1978.
7. In August 2017, I provided a report to the City of Greater Shepparton regarding the Tatura East solar farm that reviews some of the objections made to that planning application.
8. In January 2018 I provided a presentation to the Council of the City of Greater Shepparton on the potential impact of solar farms on local temperatures and also provided some background on the electricity grid in relation to the four solar farm proposals that were before council at that time.

The application

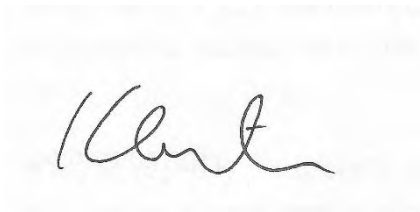
9. The planning applications have been made to the City of Greater Shepparton by the proponents listed below:
 - For the proposed 45 MW solar farm at Tatura East by Clean Gen on 5 June 2017;
 - For the proposed 30 MW solar farm at Tallygaroopna by X-Elio on 15 September 2017
 - For the proposed 100 MW solar farm at Lemnos by Neoen on 13 October 2017: and
 - For the proposed 68 MW solar farm at Congupna by X-Elio on 3 November 2017:

10. My opinion of the proposal has been informed having regard to:

- Planning application documents
- Council officer's reports, objections made and other documents in the Panel Books.
- Review of relevant studies in scientific literature as well as additional information regarding the studied sites included from online maps and specific questions to an author of one of the studies.
- Inspection of the sites of these planning applications
- Previous work that I have undertaken for the City of Greater Shepparton with respect to these applications.

11. The modelling to illustrate the solar energy available to solar photovoltaics installed in tracking versus fixed format used in this analysis was undertaken using the TRNSYS¹ modelling package by Alastair McDowell of EnergyAE Pty Ltd under my instructions and review.

12. I declare that I have made all the inquiries that I believe are desirable and appropriate and that no matters of significance which I regard as relevant, have to my knowledge, been withheld from the Panel.



13. Signed:

7 May 2018

¹ TRNSYS is a transient system simulation modelling environment developed by the University of Wisconsin that is used widely for modelling of solar and other energy systems. This work used the solar radiation analysis modules.

Instructions that define the scope of the report

14. The instructions were received by email from Joseph Monaghan of Holding Redlich representing the City of Greater Shepparton on 29 March 2018 which included a general brief. This outlined the role of the expert witness and asked for confirmation that I would be available for a hearing that would begin on 14 May and take 5-8 days.
15. I responded that I would be willing and able to provide an expert witness report as long as the questions to be formulated were appropriate and that I would not be available on 28 or 29 May.
16. On April 9, I received an email setting out 12 questions to be covered in the report
 1. *Describe the relevant particulars of the applications*
 2. *Describe the electricity grid*
 3. *Describe the renewable energy policy context for solar farms in Victoria*
 4. *Describe the suitability or otherwise of the Shepparton region from the perspective of the development of solar farms*
 5. *What is your view in relation to whether there is a heat island effect?*
 6. *What is your view in relation to technical measures to address heat island effects?*
 7. *Describe any effects of PV arrays on local climate*
 8. *Describe any temperature change effects on neighbouring orchards*
 9. *Describe any insect effects from the solar farms?*
 10. *Are there any other effects from the solar farms?*
 11. *What can be done to mitigate any possible effects?*
 12. *Inform the panel as to your views in relation to the conditions*
17. I subsequently responded by email that Question 9 was outside my area of expertise and was informed by Holding Redlich by email that I should not include that question in my report.
18. On Wednesday 18 April I was instructed by Holding Redlich to prepare a letter to the Horticultural Expert witness regarding my opinion on the temperatures likely to be encountered in and surrounding the solar farm. That letter was delivered to Holding Redlich by email on 23 April 2018.

My Evidence

19. The Questions to be answered are:

1. Describe the relevant particulars of the applications
2. Describe the electricity grid
3. Describe the renewable energy policy context for solar farms in Victoria
4. Describe the suitability or otherwise of the Shepparton region from the perspective of the development of solar farms
5. What is your view in relation to whether there is a heat island effect?
6. What is your view in relation to technical measures to address heat island effects?
7. Describe any effects of PV arrays on local climate
8. Describe any temperature change effects on neighbouring orchards
9. Are there any other effects from the solar farms?
10. What can be done to mitigate any possible effects?
11. Inform the panel as to your views in relation to the conditions

Question 1: Describe the relevant particulars of the applications

20. The applications are for Solar Photovoltaic Farms. The number of Solar Photovoltaic Panels and capacity of alternating current (AC) electrical power produced when operating at peak solar input is shown in the table below, with other information provided in the relevant Panel Books.

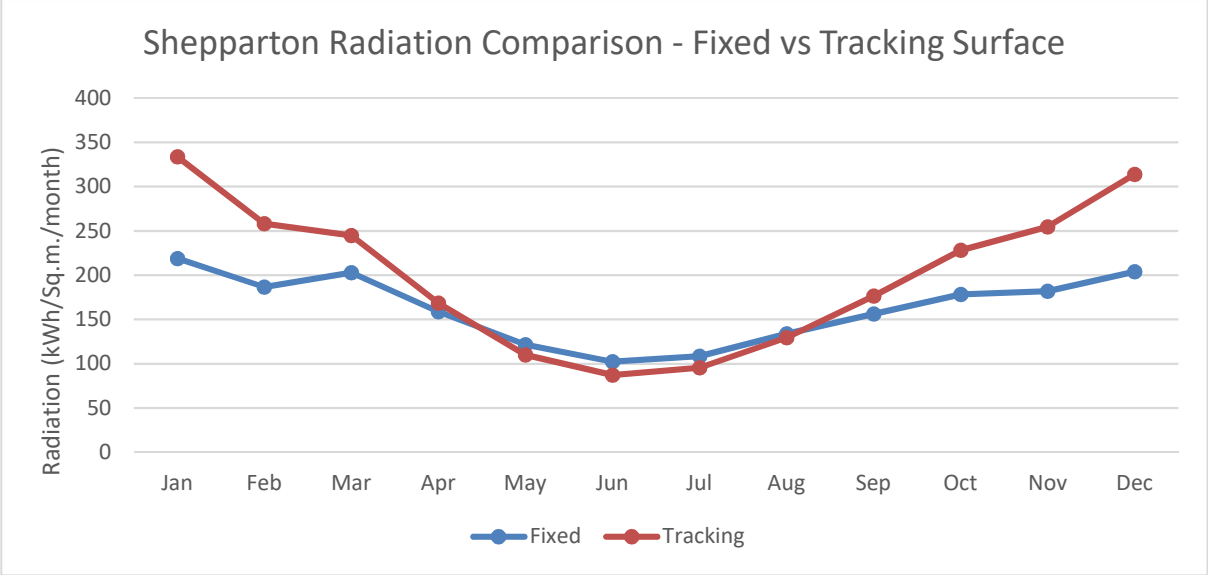
Solar farm proposed location	Congupna	Lemnos	Tallygaroopna	Tatura East
Applicant	X-Elio	Neoen	X-Elio	CleanGen
Application Number	2017-344	2017-301	2017-274	2017-162
Solar farm capacity ... MW	68	100	30	45
Estimated size of the PV array. (sq. m.)	380,464	737,365	176,378	316,083
Total Area of the farm (ha)	160	475	96	98
Type of solar array	tracking	tracking	tracking	tracking
number of panels	196,080	380,016	90,900	162,900
highest point of panels (m)	3.03	3.03	3.03	3
Mounting height (m)	1.7	1.7	1.7	
Total panel width (m)	2.996	2.996	2.996	2 ²
Pitch (m)	Not specified	7	Not specified	4.5

21. All applications include a buffer along the boundary of the solar arrays and include vegetation within that buffer. This is to provide a visual screen as stated in some applications. The application for the Lemnos solar farm does not include vegetation on all sides of the solar farm. It is not common practice to have vegetation screening along the boundary of solar farms in Australia and overseas.
22. Solar PV panels are flat, thin, light weight and robust devices that convert light into electricity by using semiconductor materials. The panels will be placed in arrays on single axis trackers that rotate from facing Easterly in the morning through horizontal at midday to facing Westerly in the afternoon. Note that Neoen have stated that they may have some or all panels fixed. However, current practice in large solar farms in Australia is to have all panels mounted on single axis trackers.
23. From calculations using the TRNSYS modelling package, panels placed on a tracker of this type in the Shepparton area will allow the panels to intercept approximately 23%

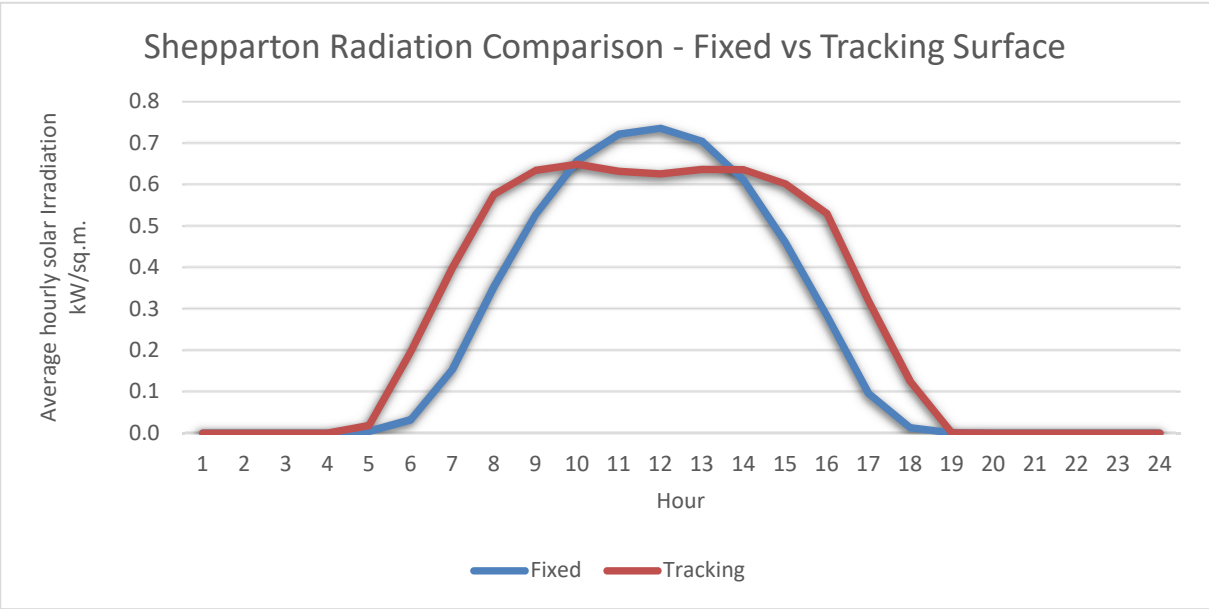
² The application is unclear of the pitch and the width of the array being proposed. In the notes on page 347 of the Panel book it states 4.5m pitch and implies that there will be one panel in portrait ie approximately 2 m wide. In the panel book on page 305, Figure 14 indicates that the pitch is 7.8 m and that there will be 2 panels (in portrait) wide ie approximately 4m. I have used the former figures as the second figures will be unlikely to fit within the 3m height proposed.

more solar radiation than a fixed panel placed facing True North inclined at an angle equal to the latitude (approximately 36.5°).

24. The solar irradiance intercepted by the tracking panels will be higher in Summer and lower in winter than a fixed installation. As shown in the figure below:

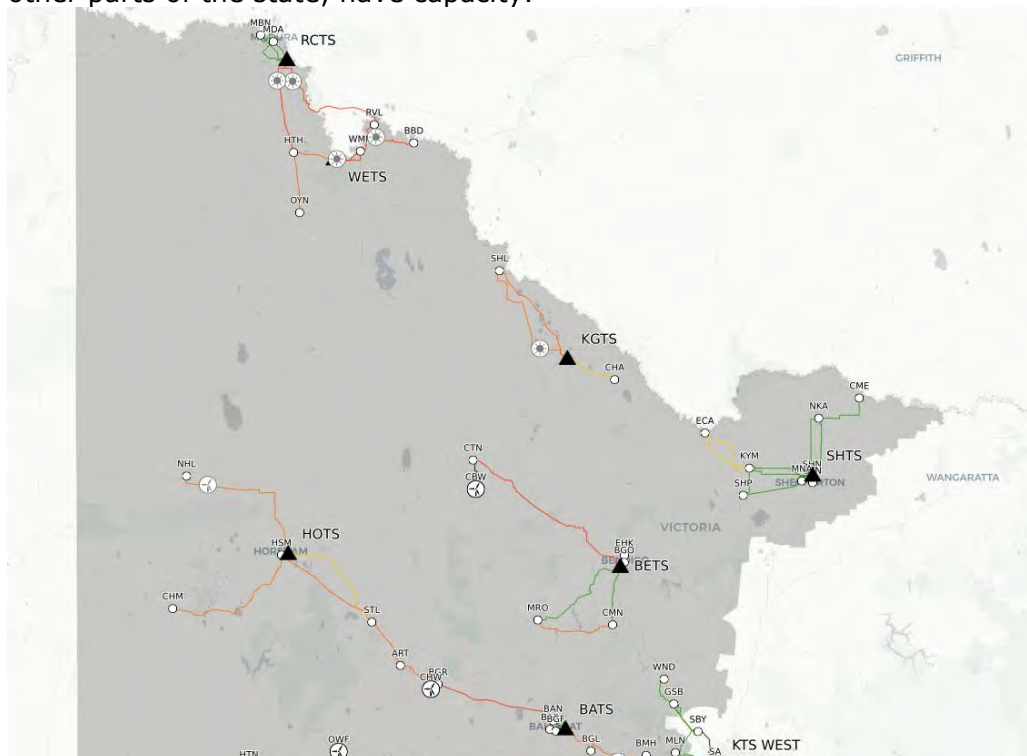


25. Apart from the increased solar radiation available to the panels, tracking will also allow the panels to intercept more solar radiation earlier in the morning and later into the afternoon, providing a less variable output. The following Figure illustrates that comparison for an average day.



Question 2: Describe the electricity grid

26. The electricity grid is made up of transmission and distribution lines that carry electricity from large generators to the end users that consume electricity. The transmission network operates at extra high voltage 220 – 500 kV. The distribution system takes electricity from the transmission system and delivers it at an appropriate voltage level for users.
27. Local generation can be fed into the distribution system where there is capacity to absorb the amount of power produced.
28. For generators of the capacity proposed in these four sites the electricity produced must be fed into the transmission system at or above 66KV.
29. The distribution system in and around Shepparton is owned and operated by Powercor. Powercor distributes electricity to the western side of Victoria which includes much of the state's good solar resource, being the north and west of Victoria.
30. Powercor provides the generation capacity available on their 66kV Sub-Transmission lines on their website at <https://www.powercor.com.au/our-services/electricity-connections/solar-and-other-generation/connecting-larger-embedded-generator-systems/>. The following figure is copied from that website. The colours indicate available generation capacity on that 66kV line. Green indicates that between 50 – 135 MW can be fed into that line. Red indicates less than 10 MW capacity is available. It can be seen that many of the 66kv lines around Shepparton, but not many lines in other parts of the state, have capacity.



31. The following figure shows more detail from the Powecor website of the area around Shepparton. The website shows that the following capacity is available on those 66kV sub-transmission lines.

- Shepparton Terminal Station to Numurkah 1 (SHTS - NKA 1) has indicative generation capacity of 92 MW,
- Shepparton Terminal Station to Numurkah 2 (SHTS – NKA 2) has indicative generation capacity of 86MW,
- Numurkah to Cobram East (NKA-CME) has indicative generation capacity of 63 MW,
- Shepparton Terminal Station to Kyabram 1 (SHTS-KYM1) has indicative generation capacity of 76MW,
- Shepparton Terminal Station to Stanhope (SHTS-SHP) has indicative generation capacity of 96MW.



32. The proposals are that

- Clean Gen plan for the Tatura East site to connect into the Stanhope – Shepparton 66kV line (SHTS-SHP) which has capacity to accept this amount of power.
- X-Elio sites at Tallygaroopna (30MW) and Congupna (68MW) plan to connect in to the Numurkah – Shepparton 66kV line (SHTS-NKA No 1) which has 'indicative' capacity to accept 92 MW.

- Neoen propose to pay to build a line to the Shepparton Terminal station to connect the 100MW solar farm at Lemnos.
33. A solar farm builder is responsible to pay for a power line and switching station to take the electricity from their installation to a part of the grid that has capacity available to accept the amount of electricity they will generate. From the Powercor website it can be seen that the cost of the switching station is \$5.0 million each and that a 66kV line will cost \$300,000 per km installed overhead or \$1.2 Million per kilometre installed underground. The lines and switching station are installed and owned by Powercor who will be responsible for the operation and maintenance.

Question 3: Describe the renewable energy policy context for solar farms in Victoria

- 34. The Victorian government has strong policy supporting renewable electricity deployment in Victoria.
- 35. The Climate Change Act 2017 establishes a target for Victoria to have net zero greenhouse gas emissions by 2050. The preamble to the Act states "The Parliament of Victoria recognises that the community wants and expects Victoria to play its part in global mitigation efforts and in preparing the community for unavoidable climatic impacts"
- 36. The Victorian Renewable Energy Action Plan states "Victoria's Climate Change Framework makes it clear that moving to a clean energy supply by increasing renewable energy generation is a key pillar of the state's approach to emissions reduction". It also aims to "create jobs, attract investment and grow our economy through boosting the new energy technologies sector." And states "In the northwest of our state, solar PV is beginning to be rolled out at utility-scale. Planned grid augmentation will help unlock our abundant natural resources well into the future."
- 37. The Victorian Government is also purchasing electricity from a solar PV farm at Wunghnu to offset the electricity consumed by the Melbourne tram system.

The Victorian Renewable Energy Target.

- 38. The Victorian Renewable Energy Target is complementary to, and operates in a similar manner to, the Commonwealth's Renewable Energy Target. However, it will cover only limited technologies to supply electricity into the Victorian electricity grid, initially wind and solar.
- 39. The Victorian Renewable Energy Target is defined in the Renewable Energy (Jobs and Investment) Act 2017.

The Act defines "**renewable energy** source means any of the following energy sources—

- (a) solar;
- (b) wind;
- (c) an energy source declared by the Minister ..."

It also sets targets "The renewable energy targets are—

- (a) by 2020, for 25% of electricity generated in Victoria to be generated by means of facilities that generate electricity by utilising renewable energy sources or converting renewable energy sources into electricity;

and

- (b) by 2025, for 40% of electricity generated in Victoria to be generated by means of facilities that generate electricity by utilising renewable energy sources or converting renewable energy sources into electricity"

Question 4; Describe the suitability or otherwise of the Shepparton region from the perspective of the development of solar farms

Solar availability

40. Availability of solar energy is one important criteria for a financially viable solar site. The solar resource available is measured in terms of average Global Horizontal Irradiance (GHI) and Direct Normal Irradiance (DNI).
41. GHI is the solar power falling on a horizontal surface. It is often given in MJ/m²/day averaged over a year. It illustrates the total amount of energy likely to be available, however a tilted surface facing toward the equator will intercept more irradiation as it will face more directly toward the sun.
42. DNI is a measure of the energy coming directly from the sun to the collecting surface that is tracking in two dimensions so that it is always facing directly toward the sun. Clear sky conditions provide higher DNI. A high level of DNI is necessary to obtain the increased performance for tracking collectors required to offset the additional costs and complexity.
43. Solar energy available at Shepparton is relatively high on an international basis. From the Australian Renewable Energy Mapping Infrastructure (AREMI) data found at <http://nationalmap.gov.au/renewables/> the solar radiation at Shepparton is average GHI 17.6 MJ/m²/day and average DNI 20.7 MJ/m²/day. For comparison Shepparton figures are similar to Wangaratta and Albury and:
- 7% less GHI and 8% less DNI than Mildura;
 - 3% less GHI and DNI Kerang;
 - 14% more GHI and 26% more DNI than Melbourne;
 - 2% more GHI and 6% more DNI than Bendigo; and
 - 30% less GHI and 27% less DNI than Alice Springs.
44. On the criteria of availability of solar energy, the Shepparton region has a good solar resource, similar to other sunny regions of Victoria, Northwest of the Great Dividing Range.

Proximity to a grid connection point

45. Apart from the level of solar energy available, the proximity to a suitable connection point with available capacity is often the most critical element when selecting a viable solar site. To the proponent of a solar farm, proximity to the electricity grid is a key criterion as construction of distribution and/or transmission lines can significantly add to project cost. See earlier section on Question 2
46. As outlined in that section (Question 2) of this report, the Shepparton region has good access to connections in to powerlines with available capacity, better than much of the rest of the state with good solar resource.
47. Therefore, on these two critical elements of financial viability, the Shepparton area is highly suitable for deployment of strategically placed solar farms and is a more suitable location than most other areas of Victoria.

Question 5 What is your view in relation to whether there is a heat island effect?

What is a "Heat Island"?

48. The heat island effect is the term that is generally used to describe increased temperatures in urban areas compared to surrounding rural areas. The American Meteorological Society – Glossary of Meteorology defines the term Urban Heat Island (Or heat island.) as *"Closed isotherms indicating an area of the surface that is relatively warm; most commonly associated with areas of human disturbance such as towns and cities. The physiographic analogy derives from the similarity between the pattern of isotherms and height contours of an island on a topographic map. Heat islands commonly also possess "cliffs" at the urban-rural fringe and a "peak" in the most built-up core of the city. The annual mean temperature of a large city (say 1 million inhabitants) may be 1°–2°C warmer than before development, and on individual calm, clear nights may be up to 12°C warmer. The warmth extends vertically to form an urban heat dome in near calm, and an urban heat plume in more windy conditions"*. This question relates to whether there is a similar effect for PV farms, the photovoltaic heat island (PVHI) effect.
49. Barron-Gafford et al (2016)³ simultaneously monitored temperatures 2.5 m above the soil at three sites in Arizona. The sites represented a natural desert ecosystem, the traditional built environment (parking lot surrounded by commercial buildings), and a PV power plant. They found that *"temperatures over a PV plant were regularly 3–4 °C warmer than wildlands at night"*. This effect was greater in warmer months than in cooler seasons. They claimed this to *"...demonstrate that the PVHI effect is real and can significantly increase temperatures over PV power plant installations relative to nearby wildland"*. They also postulated that the PVHI *"may be due to heat trapping of re-radiated sensible heat flux under PV arrays at night"*.
50. Fthenakis and Yu (2013)⁴ measured temperatures at a height of 2.5 m at a solar farm in Canada within the PV field and at a number of points for a distance of up to 800m from the outside of the PV array. They found that *"both the field data and the simulations show that the annual average of air temperatures in the center of PV field can reach up to 1.9°C above the ambient temperature, and that this thermal energy completely dissipates to the environment at heights of 5 to 18 m."* ...and... *"analysis of 18 months of detailed data showed that in most days, the solar array was completely cooled at night, and, thus, it is unlikely that a heat island effect could occur."*
51. These two papers indicate that temperatures within the solar farm will be higher than in the surrounding areas for at least part of the time. Whether that constitutes a "Heat Island" depends on whether the definition used requires it to be at an elevated temperature all the time or on average. However, Fthenakis and Yu also indicate that the PV farms also exhibits another of the characteristics of a heat island, which is the temperature "cliffs" at the fringe of the PV farm where temperatures drop quickly into the surrounding area.

Will there be an increased temperature in the solar farm?

³ "The Photovoltaic Heat Island Effect: Larger solar power plants increase local temperatures"
<https://www.nature.com/articles/srep35070>

⁴ "Analysis of the Potential for a Heat Island Effect in Large Solar Farms" Photovoltaic Specialists Conference (PVSC), 2013 IEEE 39th DOI: 10.1109/PVSC.2013.6745171

52. Liwei Yang et al (2017)⁵ measured temperatures within and outside a PV farm in Golmud, China in the Gobi Desert. *"The results show that the air temperature at a height of 2 m at the two sites is essentially the same during winter daytime, but in the other seasons, the daytime air temperature at the PV farm is higher than that in the region without PV. The maximum difference appears during the summer daytime, with a value of 0.7°C (the summer daytime averaged value). The night time air temperature at a height of 2m during the four seasons at the solar farm was higher than that in the region without PV arrays, since the solar panels have a heat preservation effect near the ground. The differences in values between the two sites were 0.1, 0.3, 0.2, and 0.1°C in summer, autumn, winter and spring, respectively."* and *"The results show that the daily range of soil temperature at a depth of 5–10 cm at the solar farm is lower than that in the region without PV farm."*
53. The sites studied by Liwei Yang et al, and Barron-Gafford et al have similar solar radiation levels both higher than in Shepparton. The IRENA Global Atlas for Renewable Energy shows GHI of 20.3 MJ/m²/day in Golmud and 20.9 MJ/ m²/day in Arizona. The GHI at the site studied by Fthenakis and Yu is 13.1 MJ/m²/day.
54. It is surprising to see the range of temperatures between the studies of Liwei Yang et al, and Barron-Gafford et al as they have very similar solar climates. This may be due to other differences such as ground cover.
55. Two of these studies were conducted on solar farms that had fixed PV panels rather than tracking panels as planned in the four solar farms proposed for the Shepparton Municipality. Tracking panels are generally spread wider apart than stationary panels. Wider spacing and, if parked overnight nearer to vertical, will allow more radiant heat loss to the sky, so in my opinion the temperatures in a tracking PV field can, if managed appropriately, be lower compared to those in a stationary PV field.
56. Based on these three papers it is my view that there will be an elevated temperature within the PV farm compared to the same site in current use and that the increased temperature will be of the range:
- In winter, night time air temperatures above the panels will be 0.2 – 3.0 °C above temperatures outside the PV farm,
 - In summer, temperatures will be 0.1 – 4 °C higher above the panels than outside the PV field and:
 - In the soil under the PV panels, temperatures are cooler during the day and warmer at night, than outside the PV field.
57. It should be noted that temperature changes of this order are often encountered with changes in land use. For example, de Vries and Birch (1961)⁶ observed 1-2 °C differences in temperatures at 1.25 metres above the ground in irrigated areas compared to dryland in the area near Rochester, approximately 75 km west of Shepparton.

⁵ "Study on the local climatic effects of large photovoltaic solar farms in desert areas" Solar Energy 144, 244–253 (2017)

⁶ The modification of climate near the ground by irrigation for pastures on the riverine plain" Vries D A de and J W Birch 1961 *Australian Journal of Agricultural Research* 12(2) 260 – 272
<http://www.publish.csiro.au/cp/AR9610260>

Question 6: What is your view in relation to technical measures to address heat island effects?

58. PV installations shade a portion of the ground and therefore reduce heat absorption in surface soils. Tracking collectors intercept more solar irradiance than fixed arrays, therefore provide shade to the ground under the array.
59. Electricity supplied from the PV power station will remove energy. This will reduce the amount of energy that remains as heat in the local area. Commercial PV panels are becoming incrementally more efficient, meaning that more energy will be removed from the PV farm. It is likely that the developers of solar farms will already plan to use commercially available high efficiency panels as that will maximise the income available from the PV farm.
60. PV panels are thin and relatively lightweight therefore, have little heat retention capacity per unit area. Consequently, the array temperature will quickly reduce once the sun goes down. PV modules emit thermal radiation both up and down, and this is particularly significant during the day when PV modules are often 20 °C warmer than ambient temperatures.
61. Barron – Gafford et al postulated that the PVHI “*may be due to heat trapping of re-radiated sensible heat flux under PV arrays at night*”. Consequently, increasing the amount of radiation heat loss from the ground under the PV panels will reduce the temperatures in the PV field overnight. This can be achieved by turning the PV arrays toward the vertical position overnight to open up the view to the cold night sky to facilitate radiant cooling.
62. To indicate the radiative cooling benefit available when ‘parking’ the array at different angles to the horizontal overnight, I have calculated the area of the ground ‘covered’ by the array at a range of different angles for the Lemnos site. If the panels are horizontal, they will shield approximately 43% of the sky. When completely vertical they will shield less than 5% of the sky, depending on the bulk of the tracking mechanism. At 45°, 60°, 70° and 80° to horizontal the array will shield approximately 31%, 22%, 15% and 8% of the sky.
63. Natural convection will also be facilitated by PV arrays not being held horizontal overnight so that the air near the panels will rise naturally if the panels are hotter than surrounding air. Open spaces under the panels, will facilitate this flow and as the cooler night air is drawn in to replace air that has warmed and risen, the ground will also be cooled. Fixed collectors often have little space left under the panels for air flow. The proposals allow approximately 500 mm of space which will facilitate natural convection cooling.
64. Vegetation is often removed from PV power plants. If retained, or replanted, vegetation under the panels will provide an extra heat removal mechanism through transpiration, however, this may require high levels of maintenance that could be impractical. Vegetation surrounding the solar farm will also contribute to cooling through transpiration.

Question 7: Describe any effects of PV arrays on local climate

65. The localised climate within the solar farm has been discussed in answering Question 5. In answering this question, I will cover impacts that may occur in areas surrounding a solar farm.
66. Temperature measurement in the localised area surrounding a solar farm has been reported in the literature only by Fthenakis and Yu⁷.
67. Fthenakis and Yu measured temperatures at a height of 2.5 m at a solar farm in Canada within the PV field and at a number of points for a distance of up to 800m from the outside of the PV array. They found that "...air temperatures in the center of PV field can reach up to 1.9°C above the ambient temperature, and that this thermal energy completely dissipates to the environment at heights of 5 to 18 m. The data also show a prompt dissipation of thermal energy with distance from the solar farm, with the air temperatures approaching (within 0.3 °C) the ambient at about 300 m away of the perimeter of the solar farm."
68. The following figure is from Fthenakis and Yu. It indicates that the temperature drops quickly within the first 100 metres from the perimeter of the solar farm.

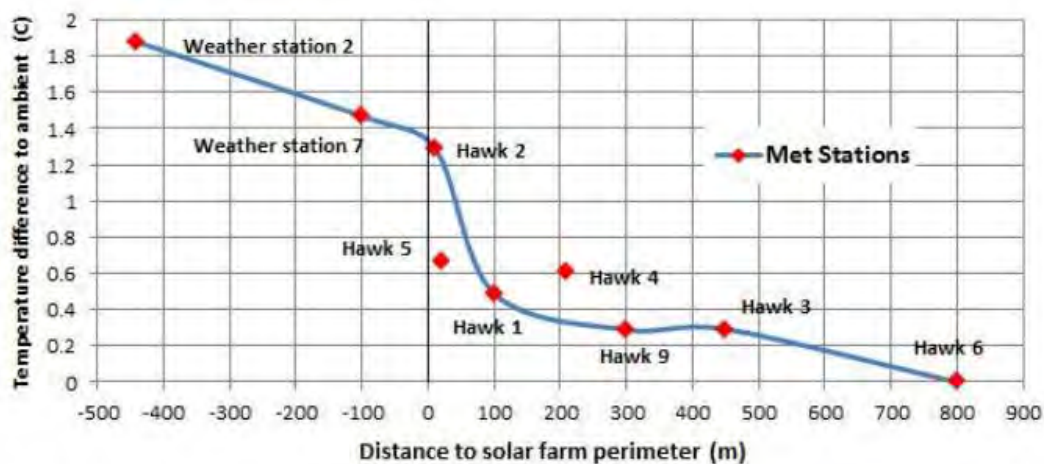


Fig. 8. Air temperature difference as a function of distance from the perimeter of the solar farm. Negative distances indicate locations within the solar farm.

69. The solar farm studied by Fthenakis and Yu was open to the surrounding area with no screening between the PV array and surrounding sites.

⁷ "Analysis of the Potential for a Heat Island Effect in Large Solar Farms" Photovoltaic Specialists Conference (PVSC), 2013 IEEE 39th DOI: 10.1109/PVSC.2013.6745171

70. Heat flow from the solar farm to adjacent properties could take place by radiation or by convection. Radiation will transfer heat through empty space where there is a clear view from the hot body to a cooler body. Convection is the movement of a hot fluid to cooler region. It can be natural convection (hot air rising) or forced convection due to air moving across the surfaces by wind or similar.
71. Heat flow both by radiation and convection from the PV farm to the surrounding area can be substantially reduced by suitable screening.

Question 8: Describe any temperature change effects on neighbouring orchards

72. There are orchards that are near some boundaries of the proposed solar farm sites.
73. At Tallygaroopna an irrigation channel is between the solar farm and an orchard. In some other sites the orchards are across rural roads from the solar farm sites. In these cases, the channel will provide a cooling effect and the road reserve will provide an additional setback to mitigate any increase in air temperature.
74. The study by Fthenakis and Yu, indicates that temperatures drop very quickly away from the perimeter of the solar farm studied. That solar farm was open to the surrounding area with no screening between the PV array and surrounding sites.
75. Natural convection will take the warm air upward, so it will not spread heat into neighbouring properties. Forced convection could move heat from the PV farm to surrounding areas if there is no barrier to reduce air flow. In a mild breeze the influence of natural convection will quickly lift the warm plume upward and in a stronger wind the heat may be spread wider, but temperatures will dissipate quickly as the air is mixed more quickly, diluting the heated air with unheated air. A dense vegetation screen will effectively block air flowing from the solar farm to a neighbouring orchard, thereby reducing the temperature impact from the solar farm.
76. Radiation from one surface to a nearby area can be effectively eliminated by 'shading' the cooler area from the hotter one. The vegetation buffers or hedges, proposed in most applications and required in the proposed conditions, will, if higher than the panels, screen the warm panels from radiating to adjacent orchards.
77. In my opinion a suitable screen would lead to a substantial reduction of the heat flow both by radiation and convection from the PV farm to the surrounding area.

Question 9: Are there any other effects from the solar farms?

78. There are a number of other effects that could occur in a development that requires earth moving during construction, installation of low profile equipment and construction or placement of buildings and power infrastructure.
79. **Noise** Tracking solar PV arrays move at an unobtrusive and slow rate, producing minimal noise. Solar PV farms are generally silent during the operational phase. The only noise emitted from an operational solar farm would be from the substation and inverters, which can be inaudible if appropriate buffer distances to sensitive receivers or equipment housing are used. There is no noise from inverters at night due to daytime operation of solar panels.
80. Noise impacts would largely be restricted to the construction phase and these could be managed through mitigation measures.
81. During plant operations, other minor sources of noise would be from a small number of vehicles accessing the site per day, aeolian and/or corona noise from transmission lines and any intermittent noise from maintenance activities.
82. **Dust** The proposals have the potential to generate dust during construction from minor earthworks, construction vehicles driving on unsealed access road and wind blowing over stockpiles and exposed surfaces during construction and decommissioning.
83. Impacts due to the generation of dust would be short term. A dust management plan should be prepared as part of the Environmental Management Plan to identify mitigation measures, primarily aiming to suppress dust for each phase of development.
84. **Glare** In general, modern PV panels are designed to absorb as much sunlight as possible to convert it into electricity. Studies of PV modules with anti-reflective coating indicate they reflect around 2% of incoming sunlight⁸. The panels are single axis tracking aligned North/South. Consequently, they rotate from facing toward the East in the morning across the sky to facing West at sunset. Under the proposals, the maximum tilt of the panels is 60°. This would not allow reflection onto neighbouring properties under normal operating conditions, as when the sun is at the lowest point any light reflected would be upwards.
85. There will be a trade-off between the potential for glare and the desire to have an unimpeded view from the ground to the sky for night cooling. A suitable compromise would be to have the array park at 60 - 70° overnight.
86. **Light spill** In Australia, night lighting on solar farms is limited to the substation and support buildings. Light spill from solar farms at night has not been raised as a widespread issue in Australia.
87. It is likely that night time lighting will be installed around the operation and maintenance facilities, carpark and substation. The lighting used should be low-level

⁸ Planning and Development Guidance Recommendations for Utility Scale Solar Photovoltaic Schemes in Ireland, p11.

and directional to minimise potential for light spill. Possible management strategies would be to include, design to *AS4282 Control of the obtrusive effects of outdoor lighting* or, include requirement that lights be shaded so that no light will spill on any surface above 3 metres. This would ensure that any otherwise obtrusive light would be shaded by the vegetation around the boundary.

Question 10: What can be done to mitigate any possible effects?

88. The possible effects of noise, dust, glare and light spill have been discussed with mitigating strategies under Question 9.
89. There are a number of options to reduce heat build up within the solar farm and reduce transmission of any heat that is retained into neighbouring properties.
90. Heat build up within the solar farm will be minimised by installation of efficient PV panels to transmit more of the incident solar energy out of the site as electricity and by tracking which will intercept more solar irradiation.
91. Any impact of heat that may build up during daylight hours can be mitigated by facilitating overnight radiative cooling of the ground by turning the PV array to maximum tilt overnight so that heat can be radiated to the cold night sky from the warmer ground.
92. A vegetation buffer may assist with cooling of the solar farm due to transpiration, however it may also reduce cooling winds across the panels during the day. On balance the impact on heat build up within the array will vary from a tendency to increase or decrease depending on the particular conditions at a particular time. However, a vegetation buffer will reduce impacts of radiation to the surrounding area in all conditions.
93. Whilst decreasing heat build up will be important to the operator of the solar farm, as PV output reduces as temperature of the panels increase, for neighbours the major issue will be to reduce the potential for heat transmission out of the solar farm into neighbouring properties.
94. An effective strategy to mitigate heat transmission out of the solar farm is to provide a buffer of dense vegetation surrounding the solar farm. The vegetation should be visually dense from the ground to higher than the top of the PV array at its highest point.
95. In my opinion a dense vegetation buffer will effectively stop heat transmission to neighbouring properties. There will be minimal effect on temperatures more than 100m from the outside of the vegetation.

Question 11: Inform the panel as to your views in relation to the conditions

96. The conditions set out in the draft proposed by the City of Greater Shepparton include conditions covering, screening vegetation, setback and the angle of tilt at which the PV array will be held overnight.

Vegetation screen

97. The recommended conditions include that "the landscape plan must include details of permanent screening trees and shrubs with a minimum of six rows using a mixture of local trees and understorey species." and "Once the landscaping planting is carried out the landscaping must be maintained including the replacement of any dead or diseased plants to the satisfaction of the responsible authority."
98. In my view this does not adequately define the requirement as there is no specification of the height. The height of the vegetation should be added to the condition so that the screen is in excess of three metres once the plants are grown.
99. The conditions should also require that the vegetation screen be planted and maintained along all boundaries of the solar farm.

Setback

100. The recommended conditions include that "the solar arrays are set back at least 50 metres from the lands boundary".
101. Whilst there is limited data upon which to make a definitive recommendation, in my opinion, if the screening is adequately defined and maintained, then that will provide an adequate buffer to heat flow so that there will not need to be a large setback. In my view this condition could be reduced to a setback of 20 metres from the vegetation screen, or approximately 30 metres from the boundary.

Overnight Array tilt

102. The recommended conditions include "The photovoltaic arrays (solar panels) must be orientated so that panels are perpendicular to the ground within 30 minutes of sunset until within 30 minutes of sunrise to facilitate night radiant cooling"
103. In my opinion requiring the array to be perpendicular will not be necessary as the vegetation screening will mitigate against heat flow to neighbouring properties if there is heat retained overnight. A tilt angle of approximately 60-70° from the vertical will still facilitate radiant cooling of the array.

LIMITED SOIL SAMPLING

SIERRA SOLAR GREENWORKS
WEST AVENUE I AND 120TH STREET WEST
LANCASTER, LOS ANGELES COUNTY, CALIFORNIA

June 15, 2018

Terracon Project No. 60187167



Prepared for:

sPower
Long Beach, California

Prepared by:

Terracon Consultants, Inc.
Tustin, California

terracon.com

Terracon

Environmental



Facilities



Geotechnical



Materials



June 15, 2018

sPower
5600 East Spring Street
Long Beach, California 90815

Attn: Mr. Adam Furnam
Email: afurman@spower.com

Re: Limited Soil Sampling

Site Name: Sierra Solar Greenworks
West Avenue I and 120th Street West
Lancaster, Los Angeles County, California
Terracon Project No. 60187167

Dear Mr. Furnam:

Terracon Consultants, Inc. (Terracon) is pleased to submit this *Limited Soil Sampling* report for the above referenced site. This investigation was performed in accordance with Terracon's Proposal Number P60187167, dated May 8, 2018.

We appreciate the opportunity to perform these services for sPower. Please contact either of the undersigned at (949) 261.0051 if you have questions regarding the information provided in the report.

Sincerely,
Terracon Consultants, Inc.

Prepared by:

Jeremy R. Rosenthal
Field Scientist

Reviewed by:

Fabio M. Minervini, P.G.
Environmental Department Manager

Scott E. Gable, P.G.
Approved Project Reviewer

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APPENDICES

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APPENDIX B	Table 1 – Soil Sample Analytical Results - Cadmium
APPENDIX C	Laboratory Data Sheets and Chain-of-Custody Form

**LIMITED SOIL SAMPLING
SIERRA SOLAR GREENWORKS
WEST AVENUE I AND 120TH STREET WEST
LANCASTER, LOS ANGELES COUNTY, CALIFORNIA**

**Terracon Project No. 60187167
June 15, 2018**

1.0 INTRODUCTION

1.1 Site Description

Site Name	Sierra Solar Greenworks
Site Location/Address	West Avenue I and 120 th Street West Lancaster, Los Angeles County, California
General Site Description	The site consists of an approximately 150-acre sPower Sierra Solar Greenworks facility (the solar farm), and approximately 7-acre adjacent parcel to the east, also owned by sPower and never developed into a solar farm facility (currently vacant, “the vacant lot”).

A Topographic Map showing the approximate site location and a Site Diagram showing the approximate boring locations are included as Exhibits 1 and 2 of Appendix A, respectively.

1.2 Scope of Work

The objective of this limited soil sampling (LSS) was to evaluate the presence, magnitude, and extent of cadmium in shallow soil within the solar farm the adjacent vacant lot. Terracon's scope of work was to collect soil samples and compare any detected cadmium concentrations within the solar farm to any detected concentrations outside of the solar farm. The laboratory reported results were further compared to the California Office of Environmental Health Hazard Assessment (OEHHA), California Human Health Screening Levels (CHHSLs); the State of Virginia Department of Environmental Quality (DEQ); and the United States Environmental Protection Agency (USEPA), Region 3 (Mid-Atlantic Region), Regional Screening Levels (RSLs); for residential and commercial/industrial land use.

Reported cadmium concentrations in the adjacent vacant lot soil samples were to be used to establish a baseline for background (anthropogenic or naturally occurring) cadmium concentrations within this portion of land.

Limited Soil Sampling

Sierra Solar Greenworks ■ Lancaster, California

June 15, 2018 ■ Terracon Project No. 60187167



1.3 Standard of Care

Terracon's services were performed in a manner consistent with generally accepted practices of the profession undertaken in similar studies in the same geographical area during the same time period. Terracon makes no warranties, either express or implied, regarding the findings, conclusions, or recommendations. Please note that Terracon does not warrant the work of laboratories, regulatory agencies, or other third parties supplying information used in the preparation of the report. These Limited Soil Sampling services were performed in accordance with the scope of work agreed with you, our client, as reflected in our proposal and were not restricted by ASTM E1903-11.

1.4 Additional Scope Limitations

Findings, conclusions, and recommendations resulting from these services are based upon information derived from the on-site activities and other services performed under this scope of work; such information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, non-detectable, or not present during these services, and we cannot represent that the site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during this Limited Soil Sampling. Subsurface conditions may vary from those encountered at specific borings or wells or during other surveys, tests, assessments, investigations, or exploratory services; the data, interpretations, findings, and our recommendations are based solely upon data obtained at the time and within the scope of these services.

1.5 Reliance

This report has been prepared for the exclusive use of sPower and their legal counsel and any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the site) is prohibited without the express written authorization of the client and Terracon. Any unauthorized distribution or reuse is at the client's sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions, and limitations stated in the proposal, Limited Soil Sampling report, and Terracon's Terms and Conditions. The limitation of liability defined in the terms and conditions is the aggregate limit of Terracon's liability to the client and all relying parties unless otherwise agreed in writing.

2.0 FIELD ACTIVITIES

Terracon's field activities were conducted on May 17, 2018, by a field scientist and a field geologist under the oversight of a Professional Geologist with Terracon. A site-specific health and safety plan was prepared and followed by Terracon during field activities for all phases of this investigation.

Limited Soil Sampling

Sierra Solar Greenworks ■ Lancaster, California

June 15, 2018 ■ Terracon Project No. 60187167



2.1 Pre-Mobilization

Prior to drilling activities, an Underground Service Alert (Dig Alert Ticket No: A181301231-00A) service was requested by Terracon personnel for clearance of public underground utilities.

2.2 Soil Borings

As part of the approved scope of work, a total of 28 soil borings (B-1 through B-28) were advanced at the site. The soil borings were advanced using conventional hand auger equipment to a maximum depth of approximately 1.5 feet below grade surface (bgs). Soil borings B-1 through B-23 were advanced within the boundaries of the solar farm and soil borings B-24 through B-28 were advanced in the adjacent vacant lot for background concentrations. The approximate boring locations are shown on Exhibit 2 of Appendix A.

Sampling equipment was cleaned using an Alconox[®] wash and potable water rinse prior to the beginning of the project and before collecting each soil sample. The materials encountered during sample collection consisted of a sand and silty sand to the maximum depth explored of about 1.5 feet bgs.

2.3 Soil Sampling

Terracon's soil sampling program involved submitting one soil sample from each boring for laboratory analysis. Soil samples for laboratory analysis were collected from each boring at a depth of approximately 1.0 to 1.5 feet bgs. Soil sample depths for each boring are presented together with the soil sample analytical results in Table 1 of Appendix B.

Soil samples were collected in laboratory-provided glassware and placed on ice in a cooler. The sample cooler and completed chain-of-custody form were relinquished to a State-of-California certified laboratory for analysis. Samples were submitted for analysis on a standard 5-day turnaround time.

2.4 Investigation Derived Waste

Due to the relatively small quantity of investigation derived waste (less than 5 gallons), the shallow depth of the borings (approximately 1.5 feet), and absence of field-evidence of impairment, the borings were backfilled with their respective soil cuttings to the surface.

3.0 LABORATORY ANALYTICAL METHODS

The soil samples collected from borings B-1 through B-28 were analyzed for Cadmium by USEPA Method 6020. The soil samples were analyzed by SunStar Laboratories, Inc. of Lake Forest, California, an Environmental Laboratory Program (ELAP) certified laboratory.

Limited Soil Sampling

Sierra Solar Greenworks ■ Lancaster, California

June 15, 2018 ■ Terracon Project No. 60187167



The laboratory analytical results for the soil samples are summarized in Table 1 of Appendix B. The complete laboratory analytical report and corresponding executed chain-of-custody form are provided in Appendix C.

4.0 DATA EVALUATION

Laboratory analytical results for the soil samples collected from the solar farm portion of the site (soil borings B-1 through B-3) indicate that cadmium was not detected above the laboratory reporting limits ranging from 0.23 to 0.25 milligrams per kilogram (mg/kg). Analytical results for the soil samples collected from the vacant lot portion of the site (soil borings B-24 through B-28) indicate that cadmium was not detected above the laboratory reporting limit of 0.25 mg/kg.

Screening levels for cadmium concentrations have been established at a regional level by state and/or federal agencies. For this LSS the CHHSLs, the Virginia DEQ, and the USEPA Region 3 (Mid-Atlantic Region) Regional Screening Levels (RSLs); for residential and commercial/industrial land use, were used for comparison to the analytical laboratory results. The reporting limits for the non-detected concentrations in the soil samples collected from both the solar farm and the vacant lot are lower than the aforementioned screening levels for commercial/industrial and residential land use.

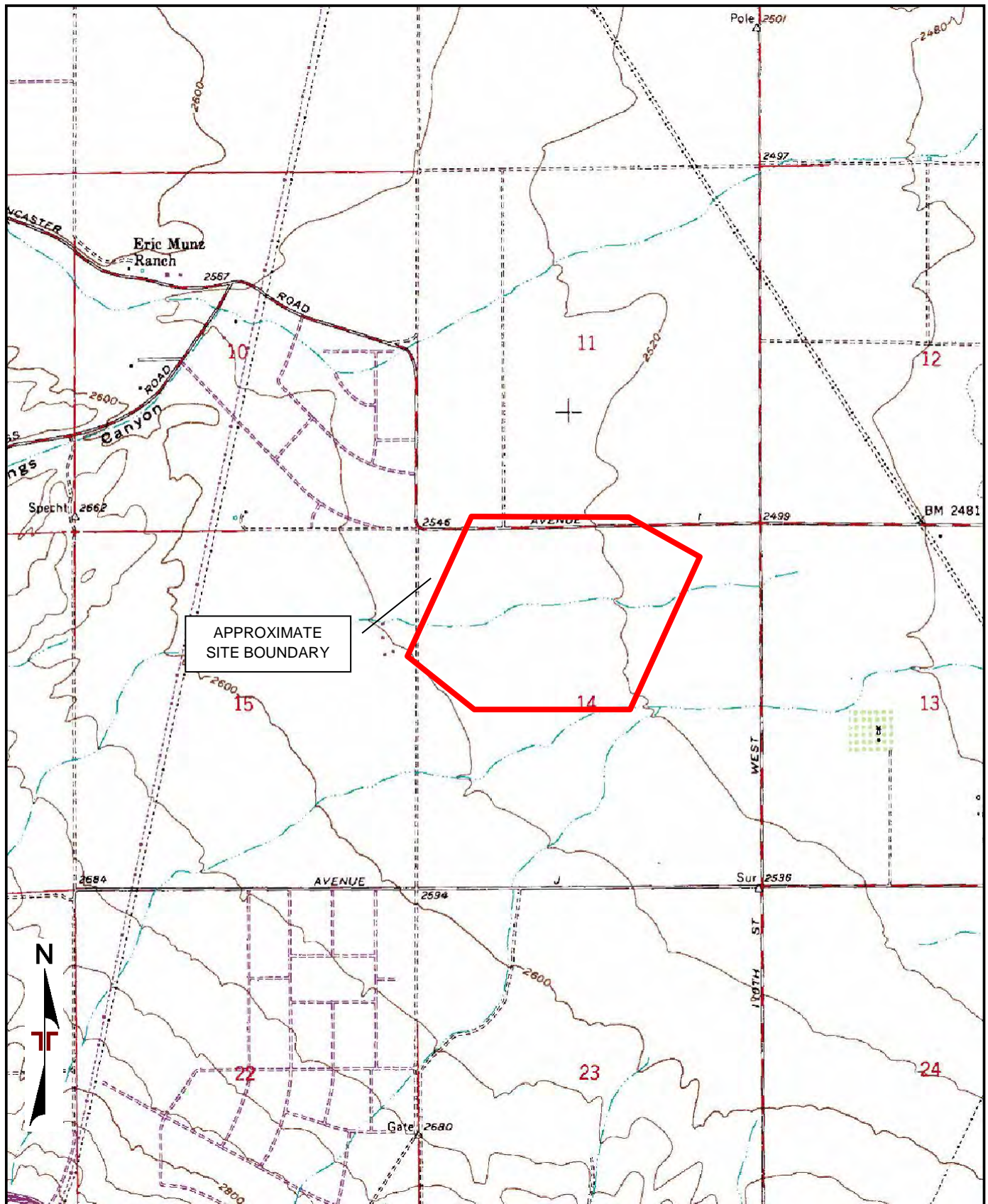
Laboratory analytical results and screening levels are summarized in Table 1 of Appendix B, and the laboratory analytical reports and chain-of-custody form are included in Appendix C.

5.0 FINDINGS AND CONCLUSIONS

- n Cadmium concentrations were not detected above the laboratory reporting limits of 0.23 to 0.25 mg/kg in any of the samples collected from the solar farm or from the vacant lot. Therefore, the solar farm operations do not appear to have impacted soils with cadmium on the portion of the property developed as solar farm.
- n The reporting limit for the non-detected concentrations are at least an order of magnitude lower than any applicable screening levels for residential and commercial land use in the states/regions of California or Virginia.

APPENDIX A

Exhibits



Project Manager:	FMM
Drawn by:	JH
Checked by:	FMM
Approved by:	FMM
Project No.	60187167
Scale:	1"=2,000'
File Name:	N/A
Date:	6/8/2018

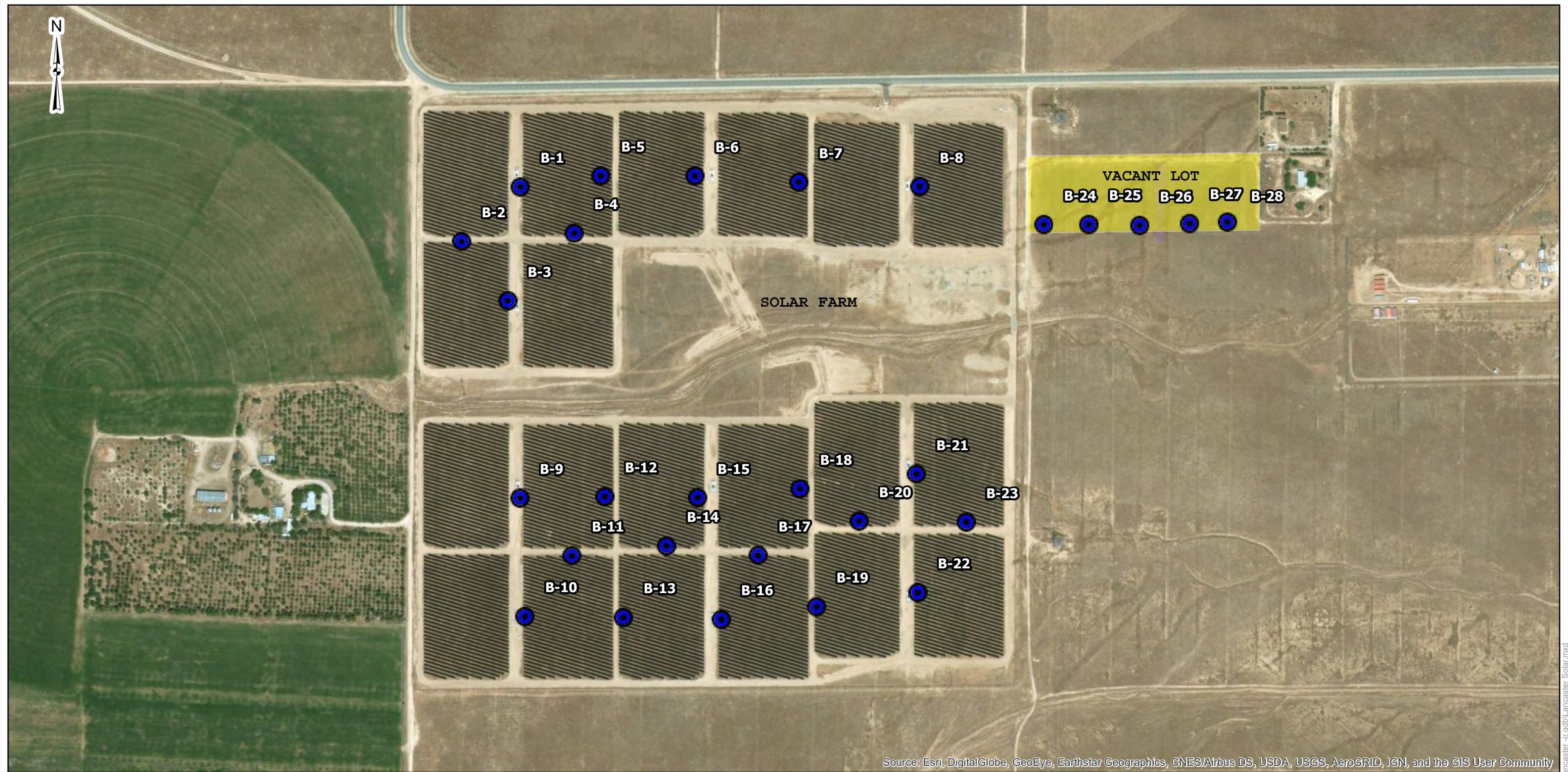
Terracon
 1421 Edinger Ave, Ste C
 Tustin, CA 92780-6287

TOPOGRAPHIC MAP

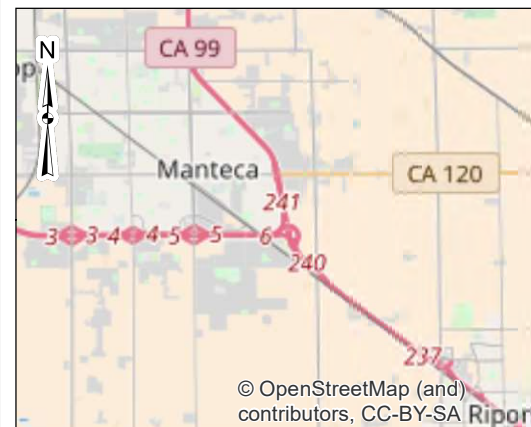
sPower: Sierra Solar Greenworks
 Southeast of West Avenue I & 120th Street West
 Lancaster, CA

Exhibit

1



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

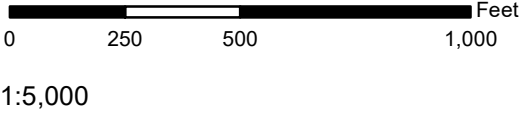


Soil Boring Location



Vacant Lot Use for Baseline

DATA SOURCES:
ESRI WMS - World Aerial Imagery, OpenStreetMap



Project No.:	60187167]
Date:	Jun 2018
Drawn By:	JH
Reviewed By:	FMM



1421 Edinger Avenue, Suite C Tustin, CA 92780
PH. (949) 261-0051 terracon.com

Site Diagram
sPower: Sierra Solar Greenworks Southeast of West Avenue I & 120th Street West Lancaster, CA

Exhibit
2

C:\Users\VAHOOT\Documents\ArcGIS\Solar Farm-Lancaster-11.qxd\Solar Farm-Lancaster Solar.mxd

APPENDIX B

Table

TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS - CADMIUM Sierra Solar Greenworks West Avenue I and 120th Street West Lancaster, Los Angeles County , California Terracon Project No. 60187167			
Sample I.D.	Sample Date	Sample Depth (feet bgs)	Cadmium
			EPA Method 6020
			(mg/kg)
B-1	05/17/18	1 to 1.5	<0.25
B-2	05/17/18	1 to 1.5	<0.25
B-3	05/17/18	1 to 1.5	<0.23
B-4	05/17/18	1 to 1.5	<0.25
B-5	05/17/18	1 to 1.5	<0.25
B-6	05/17/18	1 to 1.5	<0.25
B-7	05/17/18	1 to 1.5	<0.25
B-8	05/17/18	1 to 1.5	<0.23
B-9	05/17/18	1 to 1.5	<0.25
B-10	05/17/18	1 to 1.5	<0.25
B-11	05/17/18	1 to 1.5	<0.25
B-12	05/17/18	1 to 1.5	<0.25
B-13	05/17/18	1 to 1.5	<0.25
B-14	05/17/18	1 to 1.5	<0.25
B-15	05/17/18	1 to 1.5	<0.25
B-16	05/17/18	1 to 1.5	<0.25
B-17	05/17/18	1 to 1.5	<0.25
B-18	05/17/18	1 to 1.5	<0.25
B-19	05/17/18	1 to 1.5	<0.25
B-20	05/17/18	1 to 1.5	<0.25
B-21	05/17/18	1 to 1.5	<0.25
B-22	05/17/18	1 to 1.5	<0.25
B-23	05/17/18	1 to 1.5	<0.25
B-24	05/17/18	1 to 1.5	<0.25
B-25	05/17/18	1 to 1.5	<0.25
B-26	05/17/18	1 to 1.5	<0.25
B-27	05/17/18	1 to 1.5	<0.25
B-28	05/17/18	1 to 1.5	<0.25
CHHSLs (Residential)			1.7
CHHSLs (Commercial)			7.5
Virginia DEQ (Tier II - Residential Screening Level)			7.1
Virginia DEQ (Tier III - Industrial Screening Level)			98
RSL - EPA Region 3 (Residential)			7.1
RSL - EPA Region 3 (Industrial)			98

NOTES:

All units are in milligrams per kilograms (mg/kg)

bgs= below ground surface

EPA = United States Environmental Protection Agency

< = not detected above laboratory reporting limits

CHHSLs = California Human Health Screening Levels for Soil and Comparison to Other Potential Environmental Concerns for Residential and Commercial land use

Virginia DEQ = Virginia Department of Environmental Quality Screening Levels for Residential (Tier II) and Industrial (Tier III) land use

RSL = Regional Screening Level, EPA Region 3, for Residential and Industrial land use

APPENDIX C

Laboratory Data Sheets and Chain-of-Custody Form



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22 May 2018

Joe Yang
Terracon - Tustin
1421 Edinger Avenue, Suite C
Tustin, CA 92780
RE: Sierra Solar Greenworks

Enclosed are the results of analyses for samples received by the laboratory on 05/18/18 10:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rose Fasheh
Project Manager



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Terracon - Tustin
1421 Edinger Avenue, Suite C
Tustin CA, 92780

Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B-1	T181668-01	Soil	05/17/18 10:15	05/18/18 10:10
B-2	T181668-02	Soil	05/17/18 10:15	05/18/18 10:10
B-3	T181668-03	Soil	05/17/18 10:25	05/18/18 10:10
B-4	T181668-04	Soil	05/17/18 10:25	05/18/18 10:10
B-5	T181668-05	Soil	05/17/18 10:36	05/18/18 10:10
B-6	T181668-06	Soil	05/17/18 10:35	05/18/18 10:10
B-7	T181668-07	Soil	05/17/18 10:45	05/18/18 10:10
B-8	T181668-08	Soil	05/17/18 10:55	05/18/18 10:10
B-9	T181668-09	Soil	05/17/18 09:00	05/18/18 10:10
B-10	T181668-10	Soil	05/17/18 09:05	05/18/18 10:10
B-11	T181668-11	Soil	05/17/18 09:10	05/18/18 10:10
B-12	T181668-12	Soil	05/17/18 09:05	05/18/18 10:10
B-13	T181668-13	Soil	05/17/18 09:15	05/18/18 10:10
B-14	T181668-14	Soil	05/17/18 09:25	05/18/18 10:10
B-15	T181668-15	Soil	05/17/18 09:25	05/18/18 10:10
B-16	T181668-16	Soil	05/17/18 09:30	05/18/18 10:10
B-17	T181668-17	Soil	05/17/18 09:32	05/18/18 10:10
B-18	T181668-18	Soil	05/17/18 09:45	05/18/18 10:10
B-19	T181668-19	Soil	05/17/18 09:50	05/18/18 10:10
B-20	T181668-20	Soil	05/17/18 09:47	05/18/18 10:10
B-21	T181668-21	Soil	05/17/18 09:50	05/18/18 10:10
B-22	T181668-22	Soil	05/17/18 09:55	05/18/18 10:10
B-23	T181668-23	Soil	05/17/18 10:00	05/18/18 10:10
B-24	T181668-24	Soil	05/17/18 11:10	05/18/18 10:10
B-25	T181668-25	Soil	05/17/18 11:15	05/18/18 10:10
B-26	T181668-26	Soil	05/17/18 11:20	05/18/18 10:10

SunStar Laboratories, Inc.

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Rose Fasheh, Project Manager



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Tustin CA, 92780

Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B-27	T181668-27	Soil	05/17/18 11:25	05/18/18 10:10
B-28	T181668-28	Soil	05/17/18 11:30	05/18/18 10:10

SunStar Laboratories, Inc.

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Tustin CA, 92780

Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

DETECTIONS SUMMARY

Sample ID: B-1 **Laboratory ID:** T181668-01

No Results Detected

Sample ID: B-2 **Laboratory ID:** T181668-02

No Results Detected

Sample ID: B-3 **Laboratory ID:** T181668-03

No Results Detected

Sample ID: B-4 **Laboratory ID:** T181668-04

No Results Detected

Sample ID: B-5 **Laboratory ID:** T181668-05

No Results Detected

Sample ID: B-6 **Laboratory ID:** T181668-06

No Results Detected

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Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

Sample ID: B-7 Laboratory ID: T181668-07

No Results Detected

Sample ID: B-8 Laboratory ID: T181668-08

No Results Detected

Sample ID: B-9 Laboratory ID: T181668-09

No Results Detected

Sample ID: B-10 Laboratory ID: T181668-10

No Results Detected

Sample ID: B-11 Laboratory ID: T181668-11

No Results Detected

Sample ID: B-12 Laboratory ID: T181668-12

No Results Detected

Sample ID: B-13 Laboratory ID: T181668-13

No Results Detected

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Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

Sample ID: B-14

Laboratory ID: T181668-14

No Results Detected

Sample ID: B-15

Laboratory ID: T181668-15

No Results Detected

Sample ID: B-16

Laboratory ID: T181668-16

No Results Detected

Sample ID: B-17

Laboratory ID: T181668-17

No Results Detected

Sample ID: B-18

Laboratory ID: T181668-18

No Results Detected

Sample ID: B-19

Laboratory ID: T181668-19

No Results Detected

Sample ID: B-20

Laboratory ID: T181668-20

No Results Detected

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Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

Sample ID: B-21 Laboratory ID: T181668-21

No Results Detected

Sample ID: B-22 Laboratory ID: T181668-22

No Results Detected

Sample ID: B-23 Laboratory ID: T181668-23

No Results Detected

Sample ID: B-24 Laboratory ID: T181668-24

No Results Detected

Sample ID: B-25 Laboratory ID: T181668-25

No Results Detected

Sample ID: B-26 Laboratory ID: T181668-26

No Results Detected

Sample ID: B-27 Laboratory ID: T181668-27

No Results Detected

SunStar Laboratories, Inc.

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Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

Sample ID: B-28

Laboratory ID: T181668-28

No Results Detected

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Tustin CA, 92780

Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

B-1
T181668-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Cadmium	ND	0.25	mg/kg	1	8051833	05/18/18	05/21/18	6020 ICP-MS	
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Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

B-2
T181668-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Cadmium	ND	0.25	mg/kg	1	8051833	05/18/18	05/21/18	6020 ICP-MS	
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SunStar Laboratories, Inc.

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Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

B-3
T181668-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Cadmium	ND	0.23	mg/kg	1	8051833	05/18/18	05/21/18	6020 ICP-MS	
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SunStar Laboratories, Inc.

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Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

B-4
T181668-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Cadmium	ND	0.25	mg/kg	1	8051833	05/18/18	05/21/18	6020 ICP-MS	
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SunStar Laboratories, Inc.

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Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

B-5
T181668-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Cadmium	ND	0.25	mg/kg	1	8051833	05/18/18	05/21/18	6020 ICP-MS	
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SunStar Laboratories, Inc.

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Tustin CA, 92780

Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

B-6
T181668-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Cadmium	ND	0.25	mg/kg	1	8051833	05/18/18	05/21/18	6020 ICP-MS	
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SunStar Laboratories, Inc.

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Tustin CA, 92780

Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

B-7
T181668-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Cadmium	ND	0.25	mg/kg	1	8051833	05/18/18	05/21/18	6020 ICP-MS	
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SunStar Laboratories, Inc.

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Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

B-8
T181668-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Cadmium	ND	0.23	mg/kg	1	8051833	05/18/18	05/21/18	6020 ICP-MS	
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SunStar Laboratories, Inc.

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Rose Fasheh, Project Manager



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1421 Edinger Avenue, Suite C
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Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

B-9
T181668-09 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Cadmium	ND	0.25	mg/kg	1	8051833	05/18/18	05/21/18	6020 ICP-MS	
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SunStar Laboratories, Inc.

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Tustin CA, 92780

Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

B-10

T181668-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Cadmium	ND	0.25	mg/kg	1	8051833	05/18/18	05/21/18	6020 ICP-MS	
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SunStar Laboratories, Inc.

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Tustin CA, 92780

Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

B-11

T181668-11 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Cadmium	ND	0.25	mg/kg	1	8051833	05/18/18	05/21/18	6020 ICP-MS	
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SunStar Laboratories, Inc.

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Tustin CA, 92780

Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

B-12

T181668-12 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Cadmium	ND	0.25	mg/kg	1	8051833	05/18/18	05/21/18	6020 ICP-MS	
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SunStar Laboratories, Inc.

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Tustin CA, 92780

Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

B-13

T181668-13 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Cadmium	ND	0.25	mg/kg	1	8051833	05/18/18	05/21/18	6020 ICP-MS	
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SunStar Laboratories, Inc.

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Tustin CA, 92780

Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

B-14

T181668-14 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Cadmium	ND	0.25	mg/kg	1	8051833	05/18/18	05/21/18	6020 ICP-MS	
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Tustin CA, 92780

Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

B-15

T181668-15 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Cadmium	ND	0.25	mg/kg	1	8051833	05/18/18	05/21/18	6020 ICP-MS	
---------	----	------	-------	---	---------	----------	----------	-------------	--

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Tustin CA, 92780

Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

B-16

T181668-16 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Cadmium	ND	0.25	mg/kg	1	8051833	05/18/18	05/21/18	6020 ICP-MS	
---------	----	------	-------	---	---------	----------	----------	-------------	--

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1421 Edinger Avenue, Suite C
Tustin CA, 92780

Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

B-17

T181668-17 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Cadmium	ND	0.25	mg/kg	1	8051833	05/18/18	05/21/18	6020 ICP-MS	
---------	----	------	-------	---	---------	----------	----------	-------------	--

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Terracon - Tustin
1421 Edinger Avenue, Suite C
Tustin CA, 92780

Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

B-18

T181668-18 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Cadmium	ND	0.25	mg/kg	1	8051833	05/18/18	05/21/18	6020 ICP-MS	
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SunStar Laboratories, Inc.

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Rose Fasheh, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Terracon - Tustin
1421 Edinger Avenue, Suite C
Tustin CA, 92780

Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

B-19

T181668-19 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Cadmium	ND	0.25	mg/kg	1	8051833	05/18/18	05/21/18	6020 ICP-MS	
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SunStar Laboratories, Inc.

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Rose Fasheh, Project Manager



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Lake Forest, California 92630
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Terracon - Tustin
1421 Edinger Avenue, Suite C
Tustin CA, 92780

Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

B-20

T181668-20 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Cadmium	ND	0.25	mg/kg	1	8051833	05/18/18	05/21/18	6020 ICP-MS	
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SunStar Laboratories, Inc.

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Rose Fasheh, Project Manager



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Terracon - Tustin
1421 Edinger Avenue, Suite C
Tustin CA, 92780

Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

B-21

T181668-21 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Cadmium	ND	0.25	mg/kg	1	8051837	05/18/18	05/21/18	6020 ICP-MS	
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SunStar Laboratories, Inc.

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Terracon - Tustin
1421 Edinger Avenue, Suite C
Tustin CA, 92780

Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

B-22

T181668-22 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Cadmium	ND	0.25	mg/kg	1	8051837	05/18/18	05/21/18	6020 ICP-MS	
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SunStar Laboratories, Inc.

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Terracon - Tustin
1421 Edinger Avenue, Suite C
Tustin CA, 92780

Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

B-23

T181668-23 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Cadmium	ND	0.25	mg/kg	1	8051837	05/18/18	05/21/18	6020 ICP-MS	
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SunStar Laboratories, Inc.

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Lake Forest, California 92630
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Terracon - Tustin
1421 Edinger Avenue, Suite C
Tustin CA, 92780

Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

B-24

T181668-24 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Cadmium	ND	0.25	mg/kg	1	8051837	05/18/18	05/21/18	6020 ICP-MS	
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SunStar Laboratories, Inc.

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Terracon - Tustin
1421 Edinger Avenue, Suite C
Tustin CA, 92780

Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

B-25

T181668-25 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Cadmium	ND	0.25	mg/kg	1	8051837	05/18/18	05/21/18	6020 ICP-MS	
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SunStar Laboratories, Inc.

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Terracon - Tustin
1421 Edinger Avenue, Suite C
Tustin CA, 92780

Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

B-26

T181668-26 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Cadmium	ND	0.25	mg/kg	1	8051837	05/18/18	05/21/18	6020 ICP-MS	
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SunStar Laboratories, Inc.

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Terracon - Tustin
1421 Edinger Avenue, Suite C
Tustin CA, 92780

Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

B-27

T181668-27 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Cadmium	ND	0.25	mg/kg	1	8051837	05/18/18	05/21/18	6020 ICP-MS	
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SunStar Laboratories, Inc.

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Lake Forest, California 92630
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Terracon - Tustin
1421 Edinger Avenue, Suite C
Tustin CA, 92780

Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

B-28

T181668-28 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Metals by EPA 6020 Method

Cadmium	ND	0.25	mg/kg	1	8051837	05/18/18	05/21/18	6020 ICP-MS	
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SunStar Laboratories, Inc.

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Rose Fasheh, Project Manager



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Lake Forest, California 92630
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Terracon - Tustin
1421 Edinger Avenue, Suite C
Tustin CA, 92780

Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

Metals by EPA 6020 Method - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 8051833 - EPA 3050B

Blank (8051833-BLK1)

Prepared: 05/18/18 Analyzed: 05/21/18

Cadmium	ND	0.25	mg/kg
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LCS (8051833-BS1)

Prepared: 05/18/18 Analyzed: 05/21/18

Cadmium	25.7	0.25	mg/kg	25.0	103	80-120
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Matrix Spike (8051833-MS1)

Source: T181668-01

Prepared: 05/18/18 Analyzed: 05/21/18

Cadmium	27.7	0.25	mg/kg	22.9	ND	121	75-125
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Matrix Spike (8051833-MS2)

Source: T181668-02

Prepared: 05/18/18 Analyzed: 05/21/18

Cadmium	25.7	0.25	mg/kg	23.6	ND	109	75-125
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Matrix Spike Dup (8051833-MSD1)

Source: T181668-01

Prepared: 05/18/18 Analyzed: 05/21/18

Cadmium	27.3	0.25	mg/kg	23.8	ND	115	75-125	1.40	20
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Batch 8051837 - EPA 3050B

Blank (8051837-BLK1)

Prepared: 05/18/18 Analyzed: 05/21/18

Cadmium	ND	0.25	mg/kg
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LCS (8051837-BS1)

Prepared: 05/18/18 Analyzed: 05/21/18

Cadmium	28.6	0.25	mg/kg	25.0	114	80-120
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Matrix Spike (8051837-MS1)

Source: T181668-21

Prepared: 05/18/18 Analyzed: 05/21/18

Cadmium	26.2	0.25	mg/kg	23.6	ND	111	75-125
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Matrix Spike Dup (8051837-MSD1)

Source: T181668-21

Prepared: 05/18/18 Analyzed: 05/21/18

Cadmium	30.8	0.25	mg/kg	24.3	ND	127	75-125	16.0	20	QR-04
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SunStar Laboratories, Inc.

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Rose Fasheh, Project Manager



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Terracon - Tustin
1421 Edinger Avenue, Suite C
Tustin CA, 92780

Project: Sierra Solar Greenworks
Project Number: 60187167
Project Manager: Joe Yang

Reported:
05/22/18 14:29

Notes and Definitions

QR-04 The percent recovery and/or RPD was outside acceptance criteria. Results accepted based upon percent recovery results in duplicate QC sample and the CCV and CCB results.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

SunStar Laboratories, Inc.

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Rose Fasheh, Project Manager

Terracon

Consulting Engineers & Scientists

Office Location 1421 Edinger AveVista, CAProject Manager Joseph YangSampler's Name Mary MardgenaidhLaboratory: Sun StarAddress: 25712 Commerce AveLake Forest, CA 92643Contact: Rose FashahPhone: 949-297-5020

PO/ISO #:

Sampler's Signature

Mary Mardgenaidh

Project Name

Sierra Solar GreenworksNo/Type of Containers
26/802 7/14/05

Matrix Date Time C o m p G r a b Identifying Marks of Sample(s) Start Depth End Depth VOA A/G 1 L 250 ml P/O

S 5/17/08 10:15 X B-1 1' 15'

10:15 B-2

10:25 B-3

10:25 B-4

10:30 B-5

10:35 B-6

10:45 B-7

10:55 B-8

9:00 B-9

9:05 B-10

Turn around time ☐ Normal ☐ 25% Rush ☐ 50% Rush ☐ 100% RushRelinquished by (Signature) Mary Mardgenaidh Date: 5/18/08 Time: Received by: (Signature) [Signature] Date: 5-18-08 Time: 10:00

Relinquished by (Signature) Date: Time: Received by: (Signature) Date: Time:

Relinquished by (Signature) Date: Time: Received by: (Signature) Date: Time:

Relinquished by (Signature) Date: Time: Received by: (Signature) Date: Time:

Matrix Container WW - Wastewater VOA - 40 ml vial W - Water S - Soil SD - Solid L - Liquid A - Air Bag C - Charcoal tube SL - sludge O - Oil

Orange County Office

2817 McGaw Avenue
Irvine, California 92614Office (949) 864-2064
Fax (949) 261-6110ANALYSIS
REQUESTED

Lab Sample ID (Lab Use Only)

Lab use only
Due Date:Temp. of coolers
when received (C°): 3.1Page 1 of 3

Terracon

Consulting Engineers & Scientists

Office Location: 1421 Edinger Ave

Van C, Irvine, CA

Laboratory: Sun Star

Address: 25712 Commerce Ave

Lake Forest, CA 92630

Contact: Rose Fashh

Phone: 949-297-5000

PO/ISO #:

Project Manager: Joseph Yang

Sampler's Signature

May Medenach

May Medenach

Proj. No.

601871107

Project Name

Sierra Solar Green Works

No/Type of Containers

28/800-4005

Matrix	Date	Time	C on p	G r a b	Identifying Marks of Sample(s)	Sur f a c e D e p t h	Sub s e d i m e n t D e p t h	VOA	AG 1L	250 mL	P/O
S	5/17/18	9:10		X	B-11	1'	1.5'				
		9:10			B-12						
		9:15			B-13						
		9:25			B-14						
		9:25			B-15						
		9:30			B-16						
		9:32			B-17						
		9:45			B-18						
		9:50			B-19						
		9:47			B-20						

ANALYSIS
REQUESTED

Cadmium - 6020

Lab use only
Due Date:Temp. of coolers
when received (C°): 3.1°

Page 2 of 3

T181668

Lab Sample ID (Lab Use Only)

Turn around time ☐ Normal ☐ 25% Rush ☒ 50% Rush ☐ 100% RushRelinquished by (Signature) May Medenach Date: 5/18/18 Time: Received by: (Signature) [Signature] Date: 5-18-18 Time: 1:20

Relinquished by (Signature) Date: Time: Received by: (Signature) Date: Time:

Relinquished by (Signature) Date: Time: Received by: (Signature) Date: Time:

Relinquished by (Signature) Date: Time: Received by: (Signature) Date: Time:

Matrix	W - Wastewater	S - Soil	SD - Solid	L - Liquid	A - Air Bag	C - Charcoal tube	SL - sludge	O - Oil
Container	VOA - 40 ml vial	AG - Amber / Or Glass 1 Liter	250 ml - Glass wide mouth	P/O - Plastic or other				

Orange County Office

2817 McGaw Avenue
Irvine, California 92614Office (949) 864-2064
Fax (949) 261-6110

Terracon

Consulting Engineers & Scientists

Office Location: 1421 Edinger Ave.Unit 6, Tustin, CAProject Manager: Joseph YangSampler's Name: Mary MdyenovichProject No.: 00187167Project Name: Sierra Solar Green worksMatrix: 5/17/18Date: 9:50Time: 9:55Identifying Marks of Sample(s): B-21Start Depth: 1'End Depth: 1.5'VOA: 28/802.9105AG: 11L250 ml: 250PIO: 250No/Type of Containers: 28/802.9105Turn around time: NormalRelinquished by (Signature): Mary MdyenovichRelinquished by (Signature): Mary MdyenovichRelinquished by (Signature): Mary MdyenovichRelinquished by (Signature): Mary MdyenovichRelinquished by (Signature): Mary MdyenovichRelinquished by (Signature): Mary MdyenovichRelinquished by (Signature): Mary MdyenovichRelinquished by (Signature): Mary MdyenovichRelinquished by (Signature): Mary Mdyenovich

ANALYSIS REQUESTED

Laboratory: Sun StarAddress: 25712 Commerce Ave.Contact: Rose FavaldaPhone: 949-297-5020PO/ISO #: Sampler's Signature: Mary MdyenovichDate: 5/18/18Time: 10:20Received by: Mary MdyenovichDate: 5/18/18Time: 10:20Received by: Mary MdyenovichDate: 5/18/18Time: 10:20Received by: Mary MdyenovichDate: 5/18/18Time: 10:20Received by: Mary MdyenovichDate: 5/18/18Time: 10:20Received by: Mary MdyenovichDate: 5/18/18Time: 10:20Received by: Mary MdyenovichDate: 5/18/18Time: 10:20Received by: Mary MdyenovichDate: 5/18/18Time: 10:20Lab use only
Due Date:
Temp. of coolers when received (C°): 3.1Page 3 of 3

T181668

Lab Sample ID (Lab Use Only)

21
22
23
24
25
26
27
28
29

NFS

NFS

NFS

NFS

NFS

NFS

NFS

NFS

NFS

NFS

NFS

Orange County Office

2817 McGaw Avenue

Irvine, California 92614

Office (949) 864-2064

Fax (949) 261-6110

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T181668

Client Name: Terracon - Tustin Project: Sierra Solar Greenworks

Delivered by: ☒ Client ☐ SunStar Courier ☐ GSO ☐ FedEx ☐ Other

If Courier, Received by: _____ Date/Time Courier Received: _____

Lab Received by: Dan Date/Time Lab Received: 5-18-18 10:10

Total number of coolers received: 0

Temperature: Cooler #1	3.3	°C +/- the CF (- 0.2°C) =	3.1	°C corrected temperature
Temperature: Cooler #2		°C +/- the CF (- 0.2°C) =		°C corrected temperature
Temperature: Cooler #3		°C +/- the CF (- 0.2°C) =		°C corrected temperature
Temperature criteria = ≤ 6°C (no frozen containers)		Within criteria?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If NO:				
Samples received on ice?	<input type="checkbox"/> Yes		<input type="checkbox"/> No → Complete Non-Conformance Sheet	
If on ice, samples received same day collected?	<input type="checkbox"/> Yes → Acceptable		<input type="checkbox"/> No → Complete Non-Conformance Sheet	

Custody seals intact on cooler/sample ☐ Yes ☐ No* ☒ N/A

Sample containers intact ☒ Yes ☐ No*

Sample labels match Chain of Custody IDs ☒ Yes ☐ No*

Total number of containers received match COC ☒ Yes ☐ No*

Proper containers received for analyses requested on COC ☒ Yes ☐ No*

Proper preservative indicated on COC/containers for analyses requested ☐ Yes ☐ No* ☒ N/A

Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times ☒ Yes ☐ No*

* Complete Non-Conformance Receiving Sheet if checked Cooler/Sample Review - Initials and date: DM 5-18-18

Comments:

WORK ORDER

T181668

Client: Terracon - Tustin
Project: Sierra Solar Greenworks

Project Manager: Rose Fasheh
Project Number: 60187167

Report To:

Terracon - Tustin
Joe Yang
1421 Edinger Avenue, Suite C
Tustin, CA 92780

Date Due: 05/25/18 17:00 (5 day TAT)

Received By: Dan Marteski

Date Received: 05/18/18 10:10

Logged In By: Dan Marteski

Date Logged In: 05/18/18 10:58

Samples Received at: 3.1°C
Custody Seals No Received On Ice Yes
Containers Intact Yes
COC/Labels Agree Yes
Preservation Confir No

Analysis	Due	TAT	Expires	Comments
T181668-01 B-1 [Soil] Sampled 05/17/18 10:15 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	05/25/18 15:00	5	09/14/18 10:15	Cadmium only
T181668-02 B-2 [Soil] Sampled 05/17/18 10:15 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	05/25/18 15:00	5	09/14/18 10:15	Cadmium only
T181668-03 B-3 [Soil] Sampled 05/17/18 10:25 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	05/25/18 15:00	5	09/14/18 10:25	Cadmium only
T181668-04 B-4 [Soil] Sampled 05/17/18 10:25 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	05/25/18 15:00	5	09/14/18 10:25	Cadmium only
T181668-05 B-5 [Soil] Sampled 05/17/18 10:36 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	05/25/18 15:00	5	09/14/18 10:36	Cadmium only
T181668-06 B-6 [Soil] Sampled 05/17/18 10:35 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	05/25/18 15:00	5	09/14/18 10:35	Cadmium only
T181668-07 B-7 [Soil] Sampled 05/17/18 10:45 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	05/25/18 15:00	5	09/14/18 10:45	Cadmium only
T181668-08 B-8 [Soil] Sampled 05/17/18 10:55 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	05/25/18 15:00	5	09/14/18 10:55	Cadmium only
T181668-09 B-9 [Soil] Sampled 05/17/18 09:00 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	05/25/18 15:00	5	09/14/18 09:00	Cadmium only

WORK ORDER

T181668

Client: Terracon - Tustin
Project: Sierra Solar Greenworks

Project Manager: Rose Fasheh
Project Number: 60187167

Analysis	Due	TAT	Expires	Comments
T181668-10 B-10 [Soil] Sampled 05/17/18 09:05 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	05/25/18 15:00	5	09/14/18 09:05	Cadmium only
T181668-11 B-11 [Soil] Sampled 05/17/18 09:10 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	05/25/18 15:00	5	09/14/18 09:10	Cadmium only
T181668-12 B-12 [Soil] Sampled 05/17/18 09:05 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	05/25/18 15:00	5	09/14/18 09:05	Cadmium only
T181668-13 B-13 [Soil] Sampled 05/17/18 09:15 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	05/25/18 15:00	5	09/14/18 09:15	Cadmium only
T181668-14 B-14 [Soil] Sampled 05/17/18 09:25 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	05/25/18 15:00	5	09/14/18 09:25	Cadmium only
T181668-15 B-15 [Soil] Sampled 05/17/18 09:25 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	05/25/18 15:00	5	09/14/18 09:25	Cadmium only
T181668-16 B-16 [Soil] Sampled 05/17/18 09:30 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	05/25/18 15:00	5	09/14/18 09:30	Cadmium only
T181668-17 B-17 [Soil] Sampled 05/17/18 09:32 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	05/25/18 15:00	5	09/14/18 09:32	Cadmium only
T181668-18 B-18 [Soil] Sampled 05/17/18 09:45 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	05/25/18 15:00	5	09/14/18 09:45	Cadmium only
T181668-19 B-19 [Soil] Sampled 05/17/18 09:50 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	05/25/18 15:00	5	09/14/18 09:50	Cadmium only
T181668-20 B-20 [Soil] Sampled 05/17/18 09:47 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	05/25/18 15:00	5	09/14/18 09:47	Cadmium only

WORK ORDER

T181668

Client: Terracon - Tustin
Project: Sierra Solar Greenworks

Project Manager: Rose Fasheh
Project Number: 60187167

Analysis	Due	TAT	Expires	Comments
T181668-21 B-21 [Soil] Sampled 05/17/18 09:50 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	05/25/18 15:00	5	09/14/18 09:50	Cadmium only
T181668-22 B-22 [Soil] Sampled 05/17/18 09:55 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	05/25/18 15:00	5	09/14/18 09:55	Cadmium only
T181668-23 B-23 [Soil] Sampled 05/17/18 10:00 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	05/25/18 15:00	5	09/14/18 10:00	Cadmium only
T181668-24 B-24 [Soil] Sampled 05/17/18 11:10 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	05/25/18 15:00	5	09/14/18 11:10	Cadmium only
T181668-25 B-25 [Soil] Sampled 05/17/18 11:15 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	05/25/18 15:00	5	09/14/18 11:15	Cadmium only
T181668-26 B-26 [Soil] Sampled 05/17/18 11:20 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	05/25/18 15:00	5	09/14/18 11:20	Cadmium only
T181668-27 B-27 [Soil] Sampled 05/17/18 11:25 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	05/25/18 15:00	5	09/14/18 11:25	Cadmium only
T181668-28 B-28 [Soil] Sampled 05/17/18 11:30 (GMT-08:00) Pacific Time (US &				
6020 Metals by ICP-MS	05/25/18 15:00	5	09/14/18 11:30	Cadmium only

Donna Mayfield

From: Dave Hammond <davehammond@gmail.com>
Sent: Wednesday, March 20, 2019 9:49 PM
To: Wanda Parrish; Evan Hill
Subject: Japanese version of Stuttgart study

Evan - please send me the Japanese reference you reviewed of the Stuttgart study of Cadmium leaching.

[Study warns of environmental risks from solar modules](#), Daniel Wetzel, De Welt, 13May2018

Thank you,
Dave Hammond

--

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Donna Mayfield

From: Dave Hammond <davehammond@gmail.com>
Sent: Thursday, March 14, 2019 2:29 PM
To: Wanda Parrish
Subject: Re: Article on Water Leaching Cadmium from Solar Panels

Wanda - no, unfortunately. The article indicates that it is exclusively available to Welt Am Sonntag.

Perhaps sPower can get it through SEIA, or the county can get it by contacting the European Union Ministry of Economic Affairs, since they sponsored the study.

Dave

On Mar 14, 2019, at 12:02 PM, Wanda Parrish <WParrish@spotsylvania.va.us> wrote:

Dave, Do you have access to the actual study? The link is to an article about the study.

Thanks
Wanda

From: Dave Hammond [<mailto:davehammond@gmail.com>]
Sent: Thursday, March 14, 2019 11:37 AM
To: Wanda Parrish <WParrish@spotsylvania.va.us>
Subject: Re: Article on Water Leaching Cadmium from Solar Panels

Wanda - thank you.

I reviewed the new report from Virginia Tech, and it does not provide any new information. At the top of page 8, they simply accept the claim that the panels crack but stay intact. Clearly the photo of the tornado damage to Desert Sunlight and the numerous photos of destroyed solar plants due to hurricanes tell a different story.

I'll wait and see if any new information is produced.

Regards,
Dave Hammond

On Thu, Mar 14, 2019 at 11:30 AM Wanda Parrish <WParrish@spotsylvania.va.us> wrote:

Dave, Just wanted to follow up to let you know Evan has this.

Wanda

From: Dave Hammond [<mailto:davehammond@gmail.com>]
Sent: Wednesday, March 13, 2019 2:00 PM

To: Wanda Parrish <WParrish@spotsylvania.va.us>
Cc: Paul D. Trampe <PTRampe@Spotsylvania.va.us>; Gary Skinner <GSkinner@spotsylvania.va.us>;
David Ross <David.Ross@Spotsylvania.va.us>; Thomas G. Benton <gbenton@spotsylvania.va.us>;
Timothy J. McLaughlin <McLaughlinTJ@Spotsylvania.va.us>; Chris Yakabouski
<CYakabouski@spotsylvania.va.us>; Kevin Marshall <KMarshall@spotsylvania.va.us>; Aimee Mann
<AMann@spotsylvania.va.us>; Concerned Citizens <concernedcitizensfawnlake@gmail.com>
Subject: Article on Water Leaching Cadmium from Solar Panels

Wanda - Please forward this article to Dewberry (Evan Hill), since I don't have his email address.

[Study warns of environmental risks from solar modules](#), Daniel Wetzel, De Welt, 13May2018 - contrary to earlier studies, water can wash contaminants out of solar panels in months.

This article is a summary of a study conducted by the European Union. It states:

"The researchers had investigated whether the pollutants used in the four main photovoltaic technologies are water-soluble. Contrary to previous assumptions, the result shows that pollutants such as lead or carcinogenic cadmium can be almost completely washed out of the fragments of solar modules over a period of several months, for example by rainwater. "

As I stated last night, I am not concerned about whole Cadmium-Telluride solar panels sitting in a field - "in normal use". However, I am very concerned when the panels are damaged and exposed to water for weeks or months.

Please let me know if you have any questions.

Dave Hammond

11416 Seymour Lane

Spotsylvania, VA

--

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Donna Mayfield

From: Dave Hammond <davehammond@gmail.com>
Sent: Monday, March 18, 2019 4:33 PM
To: Wanda Parrish
Cc: Debbie Williams; Sean & Anita Fogarty
Subject: Re: M&T Depreciation Schedule

Wanda - thanks for following up, and confirming that the Mangum depreciation schedule is consistent.

Regards,
Dave Hammond

On Mon, Mar 18, 2019 at 3:58 PM Wanda Parrish <WParrish@spotsylvania.va.us> wrote:
Dave, The depreciation table is attached. Please note that there is also a cap of 90% for the first 5 years and a floor at 10%. Rounded, this is what Mangum used in the Fiscal Analysis.

Best,
Wanda

-----Original Message-----

From: Dave Hammond [mailto:davehammond@gmail.com]
Sent: Thursday, March 14, 2019 2:35 PM
To: Debbie Williams <DEBBIEW@spotsylvania.va.us>
Cc: Wanda Parrish <WParrish@spotsylvania.va.us>; Sean & Anita Fogarty <sfogarty77@verizon.net>
Subject: Re: M&T Depreciation Schedule

Wanda - yes, I understand that. Debbie answered the question, and confirmed that the county would allow a much faster depreciation schedule than Mangum has assumed for the sPower project.

I know that you checked the SCC procedure, but did you also ask about the depreciation schedule. This is a critical issue for the revenue projection.

Thanks for your help,
Dave Hammond

> On Mar 14, 2019, at 2:19 PM, Debbie Williams <DEBBIEW@spotsylvania.va.us> wrote:

>

> We use a declining scale -

>

> Date and original cost - 1st year - 50%

> 2nd year -45%

> 3rd year - 40%

> 4th year 30%

> 5th year and thereafter - 20%

>

>

>

>

> -----Original Message-----

> From: Wanda Parrish

> Sent: Thursday, March 14, 2019 12:01 PM

> To: Dave Hammond; Debbie Williams

> Cc: Sean & Anita Fogarty

> Subject: RE: M&T Depreciation Schedule

>

> Debbie, Are you able to answer this question?

>

> Thanks

> Wanda

>

> -----Original Message-----

> From: Dave Hammond [mailto:davehammond@gmail.com]

> Sent: Thursday, March 14, 2019 12:00 PM

> To: Wanda Parrish <WParrish@spotsylvania.va.us>

> Cc: Sean & Anita Fogarty <sfogarty77@verizon.net>

> Subject: M&T Depreciation Schedule

>

> Wanda - could you please tell me the typical schedule and basis that Spotsylvania County uses for depreciation of Machinery & Tools, please.

>

> Dave Hammond

> --

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Donna Mayfield

From: Dave Hammond <davehammond@gmail.com>
Sent: Thursday, March 14, 2019 12:00 AM
To: Wanda Parrish
Subject: Re: sPower report by Dr. Fthenakis

Wanda -- thanks. Yes, I agree that this is the report that Dr. Fthenakis was quoting from. There is nothing new in this report about the tornado that hit Desert Sunlight - a couple of paragraphs reported 4 months after the incident. NextEra, one of the owners of the site, reported the number of panels was 170,000 in December, 2015, so the quoted sources in this report did not have the final figures.

Dave

On Wed, Mar 13, 2019 at 3:36 PM Wanda Parrish <WParrish@spotsylvania.va.us> wrote:

Dave. I believe he referred to this one that was published March 8th. Not by Dr. Fthenakis, but by VA Tech. Does this sound right?

Wanda

From: Dave Hammond [mailto:davehammond@gmail.com]
Sent: Wednesday, March 13, 2019 3:24 PM
To: Wanda Parrish <WParrish@spotsylvania.va.us>
Subject: sPower report by Dr. Fthenakis

Wanda - Charlie Payne mentioned that he sent you a new test report by Dr. Fthenakis a couple of days ago. Could you send me a copy (or link) to that report, please?

Thank you,

Dave Hammond

--

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Donna Mayfield

From: Cyndi Hammond <cyndihammond@gmail.com>
Sent: Monday, March 18, 2019 6:49 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our County ... Deny sPower!

I am a resident of the Livingston District.

I urge you to protect our county from this massive utility solar plant. Protect our citizens, protect our environment, protect us from unknown risks. This project must be denied on Tuesday, March 19th!

Respectfully,
Cyndi Hammond
11416 Seymour Lane
Spotsylvania, VA

--

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Donna Mayfield

From: Dave Hammond <davehammond@gmail.com>
Sent: Monday, March 18, 2019 8:36 PM
To: Paul D. Trampe; Gary Skinner; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross
Cc: Wanda Parrish; Mark Taylor; Concerned Citizens Spo...
Subject: Save our county: DENY sPower

TOO BIG, TOO CLOSE, TOO MANY UNKNOWN RISKS

At this point, this should be a "**No Brainer**" -- what's the problem?

DENY this irresponsible proposal, and then get to work on revising the Comprehensive Plan and County Ordinances so we don't have to go through this ordeal again.

David Hammond
Livingston District
11416 Seymour Ln
Spotsylvania, VA

--

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Donna Mayfield

From: Dave Hammond <davehammond@gmail.com>
Sent: Saturday, March 16, 2019 11:01 AM
To: Thomas G. Benton
Cc: Paul D. Trampe; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Gary Skinner; Aimee Mann; Wanda Parrish; ehill@dewberry.com; Concerned Citizens
Subject: sPower's Soil Testing Report

Supervisor Benton -- regarding your question at the sPower public hearing on March 12 about sPower's soil testing report, I would like to correct one statement that I made. The soil testing report by Terracon did provide the location of the solar plant and the test methodology (see link below). I had not read the report for several months, and I was going from memory.

However, my statements about lack of context by sPower still stand. They have not provided any explanation about why they picked this site for the testing.

- sPower's website indicates the Sierra Solar facility is in Lancaster, CA. It began operating on 30Nov2015 and has a 22.5 MW capacity.
- Soil testing was performed 17May2018.
- Why was this 2-1/2 year old facility selected for the testing?
- What is the history of solar panel damage at this site?
- Did this site have the most breakage of all the sPower sites that contain CadTel solar panels, and therefore has the highest risk of soil contamination?

As I mentioned in my testimony, I am not concerned about undamaged solar panels sitting in a field.

Link to test report on county website:

- [Cadmium Testing Report](#)

I hope this clarifies my thoughts on this soil testing report.

Dave Hammond
11416 Seymour Lane
Spotsylvania, VA 22551

--

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Donna Mayfield

From: scottynkn@aol.com
Sent: Monday, March 18, 2019 6:42 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

To our elected officials;

Please keep our beautiful county as the historical crossroad in history. This is why we live here, why tourists come here, and why we have raised our kids here. It is a rare treasure in our backyard. A solar farm of this size would destroy its intangible value. Someday our grandchildren will see fragments of a solar farm, no longer in use, and ask why it was erected. We will have no answers that satisfy the reason for destroying something that has way more historical value than a torn down electrical field.

Sincerely,

Sharon Hanken

--

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Donna Mayfield

From: Jamey Harmon <jnhrentalsva@gmail.com>
Sent: Tuesday, March 19, 2019 7:23 AM
To: Chris Yakabouski; David Ross; Gary Skinner; Kevin Marshall; Timothy J. McLaughlin; Paul D. Trampe; Thomas G. Benton
Cc: Mark Taylor; concernedcitizensspotsylvania@gmail.com; Wanda Parrish
Subject: Re: Save our County — DENY sPower

https://www.worldtribune.com/lawmaker-solar-farms-costs-to-north-carolina-taxpayers-out-of-control/?fbclid=IwAR1xxdEBdUWTFoJKX1aHlQ_-kgg11xa4XS_DYbr5z64M8Q_Kj0PwMFd7aUE

On Mon, Mar 18, 2019 at 5:49 PM Jamey Harmon <jnhrentalsva@gmail.com> wrote:

I am a resident of Livingston District. As has been demonstrated, there is NO benefit to Spotsylvania from sPowers Solar Plant. There is only risk and lost tax revenues.

I urge you to DENY sPower!!!!!!

--

Jamey Harmon
JNH, Inc.

--

Jamey Harmon
JNH, Inc.

--

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Donna Mayfield

From: Jamey Harmon <jnhrentalsva@gmail.com>
Sent: Monday, March 18, 2019 5:49 PM
To: Chris Yakabouski; David Ross; Gary Skinner; Kevin Marshall; Timothy J. McLaughlin; Paul D. Trampe; Thomas G. Benton
Cc: Mark Taylor; concernedcitizensspotsylvania@gmail.com; Wanda Parrish
Subject: Save our County — DENY sPower

I am a resident of Livingston District. As has been demonstrated, there is NO benefit to Spotsylvania from sPowers Solar Plant. There is only risk and lost tax revenues.

I urge you to DENY sPower!!!!!!

--

Jamey Harmon
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By *World Tribune* on January 8, 2018

by **WorldTribune** Staff, January 8, 2018

Solar farms are costing North Carolina counties big bucks and land owners also fear having the facilities nearby will impact property values.

“Solar and wind in North Carolina is out of control,” state Sen. Bill Cook, District 1 Republican, said.



North

Carolina counties pay an 80 percent tax abatement for solar farms.

Cook plans to introduce legislation that would reduce the tax rebate counties must give solar companies over several years from 80 percent to zero percent.

“They’ll have the opportunity to make decisions and not get hit all of a sudden with a huge increase in their property tax,” Cook said, adding that he is for renewable and clean energy, but it must be done responsibly.

“If it was an economically feasible thing, that would be great,” he said. “But it isn’t.”

Officials in Beaufort County say their tax loss from solar farms is \$543,000 per year and will go well over \$1 million per year if a planned 600-acre solar farm is built.

“Our taxpayers here are paying for that tax abatement, and they’re also paying for an increase in energy costs,” said Beaufort County Commissioner Ron Buzzeo.

Beaufort County Commissioners recently voted 4-3 to stop any further construction of solar farms in the county for a year.

Buzzeo also wants to increase the distance solar farms must be placed from property lines from 50 feet to at least 300 feet.

“The landowner who is renting their land has rights, but the landowner who is in the surrounding area, whether it’s residential or school or hospitals, also have rights,” Buzzeo said.

Three eastern North Carolina counties last year called for an end to local property tax breaks for solar farms, the *Virginian-Pilot* reported.

Currituck County passed a resolution – and was joined by Pasquotank and Chowan counties – calling on state lawmakers to end the 80 percent tax discount.

The solar tax breaks mean Currituck County receives \$210,600 in property taxes instead of more than \$1 million.

Pasquotank County officials said their county's loss is more than \$420,000 in annual revenue from 508 acres of solar farms.

Chowan County does not have solar farms, but two are approved for construction, Commissioner John Mitchener said.

Perquimans County has three solar farms, but officials have not passed a resolution on tax breaks. Three more solar farms are approved for construction, County Manager Frank Heath said. Commissioners have approached state officials about scaling back the tax breaks, he said.

"It's been a topic of discussion," Heath said.

The Solar Energy Industries Association said in a statement that "Repealing the property tax abatement risks damaging this still growing industry that brings much needed economic development to the state."

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[Beaufort County, Lawmaker: Solar farms costs to North Carolina taxpayers 'out of control', renewables, Sen. Bill Cook, WorldTribune.com](#)

Lawmaker: Solar farms costs to North Carolina taxpayers 'out of control' added by World Tribune on January 8, 2018

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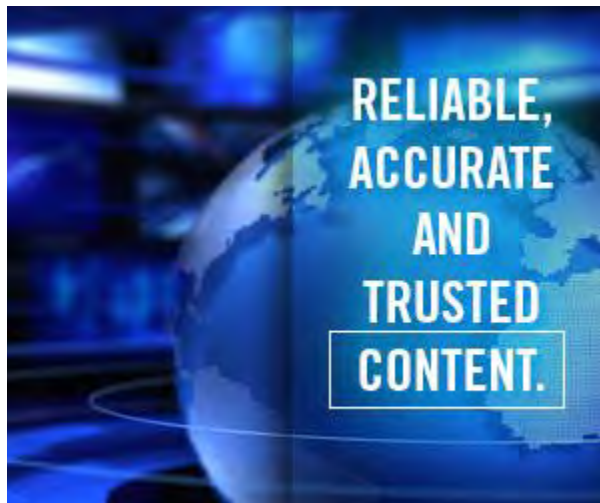
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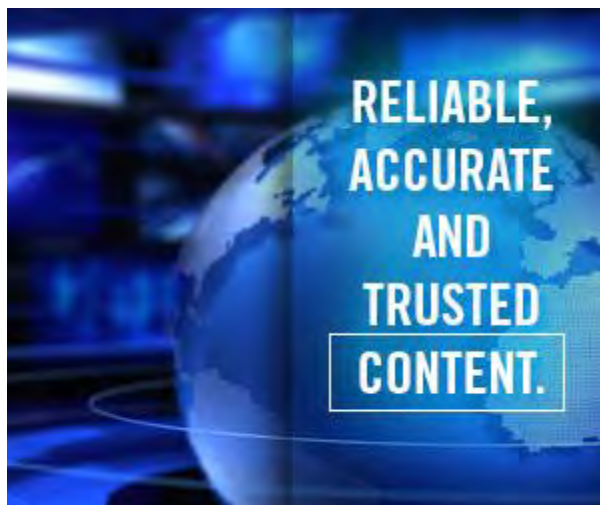
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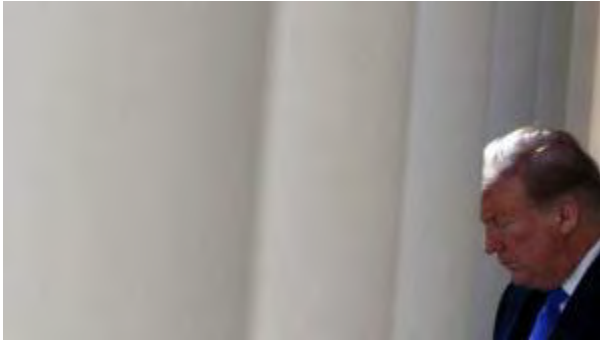
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March 27, 2019



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pulled advertising from Tucker Carlson
March 21, 2019



Unreported: Jihadists slaughtered 120 Christians in
past month
March 17, 2019



'Shame': Victor Davis Hanson delivers scathing indictment of failed 'coup'

February 20, 2019



Democrats give illegals a pass on gun background checks

February 19, 2019



McNabb: Wake up America

February 17, 2019



Green fail: Trump wants fed money 'back now'
after Calif. hits brakes on high-speed rail

February 14, 2019

© 2019, ↑ [World Tribune: Window on the Real World](#)

Donna Mayfield

From: Kathleen Hayden <kg Hayden@gmail.com>
Sent: Monday, March 18, 2019 5:54 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Please Vote No on the sPower SUPs

We do not want to be the test case for the largest solar farm built in a populated area. There are too many well established risks. It is your duty to protect our interests.

Kathleen Hayden
Livingston District

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Kathleen Hayden <kg Hayden@gmail.com>
Sent: Tuesday, March 19, 2019 7:31 AM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: READ THIS ARTICLE - learn from other Counties

I recommend this page: .

You can read it on: <https://www.worldtribune.com/lawmaker-solar-farms-costs-to-north-carolina-taxpayers-out-of-control/>

And, no Mr. Benton, this is NOT just a Fawn Lake issue. This will affect the WHOLE County so please stop making Fawn Lake look selfish. Unbelievable quote in the WAMU article of your obvious resentment of your constituents in Fawn Lake. Wow.

Kathleen Hayden
Livingston

--

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Donna Mayfield

From: Bill Hayden <wphayden@gmail.com>
Sent: Monday, March 18, 2019 6:45 PM
To: Chris Yakabouski; Paul D. Trampe; Gary Skinner; Thomas G. Benton; Kevin Marshall; Timothy J. McLaughlin; David Ross
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

Dear Board of Supervisors,

I know this has been a challenging time for all of us in Spotsylvania County. Your diligence and patience through this process is greatly appreciated.

I urge you as strongly as I can to heed the clear and consistent message from your constituents, consider the wealth of valid information they've provided, and understand the depth of valid concern they've expressed. **The sPower SUP proposal is absolutely not in this county's best interest and should be denied.**

Very respectfully,

Bill Hayden
Livingston District

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Suzanne Sykes <smsykes01@gmail.com>
Sent: Monday, March 18, 2019 9:31 PM
To: David Ross; Thomas G. Benton; Timothy J. McLaughlin; Mark Taylor; Paul D. Trampe; concernedcitizensspotsylvania@gmail.com; Chris Yakabouski; Gary Skinner; Kevin Marshall; Wanda Parrish
Subject: Save our county: DENY sPower

Hello,

We just moved with two little boys within a 1000 ft if this potential project. We've saved and given so much prayer to have the best for them; neighbors and neighborhood included.

The potential health hazards that come with this project and safety issues with detrimental increase of traffic without proper infrastructure will make us leave; immediately, and uproot them from their school, friends, church, life.

Deny sPower, please!!! We had no idea this project was even a potential or would never would have purchased. More than anything, think of all of our children around this project when making your vote (to vote NO!)

Sincerely,
Suzanne Hetrick

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: David Hofmeister <davehof1@gmail.com>
Sent: Monday, March 18, 2019 6:05 PM
To: Thomas G. Benton; Kevin Marshall; Timothy J. McLaughlin; Paul D. Trampe; Gary Skinner; Chris Yakabouski; David Ross
Cc: Wanda Parrish; Mark Taylor
Subject: Please VOTE NO to sPower's proposed Solar Power Plant

I am a resident of the Livingston District and the community I live in is located at ground zero of the proposed solar power plant which will be clearly visible from our homes. This project will destroy a portion of our beautiful county with many known risks and a negative long term financial impact as well as no other legally binding benefits. WE ASK THAT YOU PLEASE REPRESENT THE PEOPLE MOST NEGATIVELY AFFECTED BY THIS PROJECT AND **VOTE NO!**

Dave

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: kjhogue@verizon.net
Sent: Monday, March 18, 2019 9:09 PM
To: Timothy J. McLaughlin
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

Dear Mr. McLaughlin,

As your neighbor and constituent, I urge you to vote *against* sPower's plans. There is no real benefit to our county and a lot of risk.

Thank you for your service and looking out for the good of Spotsylvania County.

Yours truly,

Jacqueline Hogue

Sawhill

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Donna Huesgen <dhuesgen@hotmail.com>
Sent: Monday, March 18, 2019 9:34 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor
Subject: Save our County-Deny Spower

Please vote No for the solar farm in Spotsylvania County! It is too massive, too experimental and too close to residences! I have lived in this county for 23 years and would like to continue to and I am asking you to vote NO!

Sincerely,

Donna Huesgen

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: amanda huffman <a.huffman2008@yahoo.com>
Sent: Monday, March 18, 2019 9:01 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save OUR county! DENY sPower!!!!

Dear Board Members,

I am a lifetime Spotsylvania County resident.

I do NOT trust sPower or any of it's affiliates, and neither should you!

Don't believe their lies and fall for their deceitful tactics!

There are TOO MANY unknowns, and given the way they have gone about this ENTIRE ordeal proves they have NO RESPECT for YOU let alone their "prospective neighbors" aka THE CONCERNED CITIZENS of Spotsylvania County!

Do what is right...

Be a good neighbor!

STAND UP to this wishy-washy company and affiliates and PROTECT this county and our citizens!!!!

Vote NO, NO to their lies, NO to their constant bullying tactics, and MOST IMPORTANT NO TO sPower!

From your Concerned Citizens,

The Huffman Family

[Sent from Yahoo Mail on Android](#)

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Leslie Hummel <soccer11314@gmail.com>
Sent: Monday, March 18, 2019 6:16 PM
To: Paul D. Trampe; Gary Skinner; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: SAVE OUR COUNTY: DENY sPower

I am a resident of the LIVINGSTON District. There is NO benefit to Spotsylvania from the sPower solar plant. There is only risk and lost tax revenues.

I urge you to DENY sPower!!!!

Leslie Hummel
Livingston District

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Virginia Goodrich <belchis.vkg@gmail.com>
Sent: Tuesday, March 19, 2019 10:52 AM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; McLaughlinTJ@spotsylvanai.va.us; David Ross; PTrampe@spotsylvanai.va.us; Gary Skinner
Cc: Wanda Parrish
Subject: Save Our County: Deny sPower

As a resident of Livingston District, I respectfully urge you to start small--if at all!
This project is too large. Start with Site B (SUP 180002), as recommended by the Planning Commission, if you must vote for Microsoft.

Virginia Kloian
Livingston District

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Virginia Goodrich <belchis.vkg@gmail.com>
Sent: Tuesday, March 19, 2019 10:52 AM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; McLaughlinTJ@spotsylvanai.va.us; David Ross; PTrampe@spotsylvanai.va.us; Gary Skinner
Cc: Wanda Parrish
Subject: Save Our County: Deny sPower

As a resident of Livingston District, I respectfully urge you to start small--if at all!
This project is too large. Start with Site B (SUP 180002), as recommended by the Planning Commission, if you must vote for Microsoft.

Virginia Kloian
Livingston District

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: JENNIFER BOWERS <jennifer.bowers209@comcast.net>
Sent: Tuesday, March 19, 2019 5:18 PM
To: Thomas G. Benton; Gary Skinner; Kevin Marshall; Timothy J. McLaughlin; Paul D. Trampe; Chris Yakabouski; David Ross; Wanda Parrish
Subject: save our county: DENY sPower

I am a resident of the Salem district. I don't live anywhere near Fawn Lake and don't know anybody who does and I am 100% against this project. It is far too big for our county and there are too many unknowns. I worry about our ground water aquifer becoming contaminated and the disposal of the panels after they go into our landfill among other things. It amazes me that this is even being considered by my BOS. Please listen to to your constituents and deny sPower.

Thanks

Jennifer Bowers

Salem District

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: jeanne jackson <jjsjeanne@gmail.com>
Sent: Monday, March 18, 2019 7:01 PM
To: Kevin Marshall; Thomas G. Benton; David Ross; Gary Skinner; Chris Yakabouski; Timothy J. McLaughlin; Paul D. Trampe
Cc: Mark Taylor; concernedcitizensspotsylvania@spotsylvania.va.us; Wanda Parrish
Subject: Please deny sPower, deny the SUPs!

Dear Board of Supervisors of the amazing county of Spotsylvania,

I am a Spotsylvania resident. I live in the Livingston district. I am urging you to deny the SUP for sPower.

I do not see any real long term benefit to our county or to the residents from this sPower industrial solar plant. I am concerned that they are saying that some of the requests you have recommended they follow, they do not want to do because it will impact them financially. They have claimed that they will be good neighbors and yet they do not want to give all the homeowners and the landowners who plan to build even a reasonable amount of a setback, again because it affects their bottom line. They stated that they were looking at buying land from NTS and then they claimed that they never said that. They have implied that those who oppose this are funded by "dark money" and that is untrue as well. They have not even started to really build and their idea of being good neighbors is not in keeping with what neighborly means in our county (although there have been multiple trucks, dozers etc back on the proper in question long after the total logging has ended). They have impuned and mocked residents at the meetings.

I have had family in this area for close to 200 years. We are filled with history and tradition. We are not being provincial or uneducated. Quite the contrary. We are being smart and looking at the best interests of the county for the future. There have not been solar plants built this close to residential areas before. There are no real methods to know what the harmful or even what the positive effects will be. There will be ongoing noise from the sheer mechanics of sending solar power out. They will be taking over 9 square miles on land out of the environment, raising the carbon footprint substantially.

If you rush in to take advantage of the dollars generated you may be overlooking the reality of what this will do. There is no reason to rush in on this. I think that sPower should be denied the SUP because we do not want to be the guinea pig for this massive plant. If it turns out that this size solar plant doesn't negatively effect neighborhoods, let someone else find out first. Decisions are being made with no real basis for facts as this has not happened in this manner before. I support solar power, but not this big, not this close and not now when all the facts remain unknown. I am asking you to please deny sPower their special use permits. Please.

Sincerely,
jeanne jackson

--

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Donna Mayfield

From: jimtj1230@verizon.net
Sent: Monday, March 18, 2019 5:47 PM
To: Wanda Parrish
Subject: SAVE OUR COUNTY. DENY S POWER

WAY TOO BIG!!

Jimtj1230@verizon.net
Home [540/226/5150](tel:5402265150)
Jim cell [202/256/0321](tel:2022560321)
TJ cell [540/226/5150](tel:5402265150)

--

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Donna Mayfield

From: RUBY JONES <rujones2010@comcast.net>
Sent: Monday, March 18, 2019 7:25 PM
To: Wanda Parrish
Subject: S Power

Save Spotsylvania County DENY S POWER.

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: rays.jules78 <rays.jules78@gmail.com>
Sent: Monday, March 18, 2019 6:00 PM
To: Thomas G. Benton; Chris Yakabowski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our County: Deny S Power!

As representatives put in office by the people and the citizen's whose interests you represent, you have a duty to represent us correctly, and for our voice to be heard through you, legally, morally, and ethically. Other than losing the confidence and trust of the people who voted you in, and committing career suicide for yourself with the next vote, I am currently reviewing what consequences can legally be sought, based on misrepresentation of an elected official. I fear we have no voice, and never did. SPower has a 5 year office lease at the Courthouse, I've seen postings for hiring at the solar farm, and prior to any vote being secured, or decision having been made, supposedly. This brings great concern that the hundreds of people opposing are not being heard, and never had a voice, as it appears the decision has already been made regardless, and before the official vote. You do not represent your superiors in the county, you represent US! This position is not a springboard for your furthering your career by supporting other interests that stand to benefit from this deal, while dismissing the citizens you are supposed to represent fairly, who put you in office! I demand answers to the pre-clearing, preparations, hiring, and S Power feeling so confident as to sign a 5 year lease here in our county, before any supposed vote has even occurred to give them reason to secure that lease. You will be held accountable in every way possible for your actions and vote in this plan, that the people have repeatedly grievanced and spoken loudly against!

I am a resident of the Livingston District. As has been demonstrated, there is NO BENEFIT to Spotsylvania from the S Power solar plant! There is only risk, lost tax revenue, and later environmental destruction. I implore you to deny S Power!!!

Sent from my Samsung Galaxy smartphone.

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Kevin Schiedel <kschiedel@yahoo.com>
Sent: Tuesday, March 19, 2019 11:20 AM
To: Thomas G. Benton; Chris Yakabouski; David Ross; Kevin Marshall; Timothy J. McLaughlin; Gary Skinner; Paul D. Trampe; Aimee Mann
Cc: concernedcitizensspotsylvania@gmail.com; Mark Taylor; Wanda Parrish
Subject: BOS March 12th meeting follow up

TO: Spotsylvania County Board of Supervisors:

I am a Livingston District resident and have been attending BOS, Planning Commission, Planning Staff, and Town Hall meetings over the past year. **At the March 12, 2019 BOS meeting, comments were made by BOS members that are of great concern to me:**

1. Property Rights. The argument is NOT relevant to the sPower SUP Applications. If landowners wanted to sell their properties within the currently approved zoning use, the BOS and residents would NOT have a say. However, an application to CHANGE the zoning-approved USE for sPower is a game changer. The BOS and resident taxpayers have a RIGHT to voice our opinions, especially when there are long-term financial, environmental, and life/fire/health risks involved.

APPROVAL or DENIAL of the SUP Applications must be made based upon **what is BEST for the County and resident-taxpayers, NOT what is best for the landowners and sPower.**

2. Common sense due diligence. "Why would the BOS accept and obligate the County to a DECLINING REVENUE STREAM over 35 years as proposed by sPower **without at least evaluating Highest & Best Use development alternatives?**" is a valid question.

Knowing what development alternatives are feasible and comparing the revenue streams would put the County in a **stronger negotiating position, even with sPower.** The Board of Supervisors has a fiduciary responsibility to **OPTIMIZE** the revenue stream to the County when their approval is needed to change zoning to allow development to occur.

The revenue stream is **NOT \$600,000 per year** for 35 years. It drops like a rock in water because the taxes are calculated based on the **depreciating** value of the solar equipment installed.

The BOS is simply **FORFEITING TOO MUCH** and putting our future in harm's way.

3. Commitments. Promises made by sPower to invest in the community are being **viewed as equivalent to enforceable contractual obligations.** They are NOT. Please do not be seduced by sPower's \$25 million **unsecured** list of shiny objects that "may be delivered".

Please don't allow the County to be **BULLIED** into accepting the sPower deal.

VOTE TO DENY the sPower SUP Applications.

Kevin C. Schiedel
LIVINGSTON DISTRICT

--

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Donna Mayfield

From: Tim Keilty <tmkeilty7@gmail.com>
Sent: Monday, March 18, 2019 6:05 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; gskinner@spotsylvania.va.us; Wanda Parrish; Mark Taylor
Cc: concernedcitizensspotsylvania@gmail.com
Subject: Save our County - DENY sPower

As a resident of the Livingston district, I urge you to stop this debate and put an end to this massive project. It is simply too large and fraught with all sorts of unforeseen consequences.
DENY sPower,

Tim Keilty
11503 Meade Pointe

--

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Donna Mayfield

From: Colby Keilty <grayfoxpt@aol.com>
Sent: Monday, March 18, 2019 6:05 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Solar plant

All,

I urge you to vote no on the Spower SUP. This project is not good for Spotsylvania County. I am not opposed to green energy and solar power in general but in this case, the scale of this project is too large to be so close to residential neighborhoods.

Best,

Colby Keilty
Livingston District Resident

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Andrea Kendall <andykendall10@gmail.com>
Sent: Monday, March 18, 2019 6:00 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner
Cc: Mark Taylor; Wanda Parrish; concernedcitizensspotsylvania@gmail.com
Subject: Save our County: DENY Power

We are LIVINGSTON district residents. There are 3 tax paying adults in our home AGAINST this experiment. We do not believe that Spotsylvania is the right place for this solar experiment. This would be the 12th largest in the WORLD. This does not fit into Spotsylvania's plan or landscape. We have concerns about EVERY aspect of the experiment however only a few are listed below.

1. In line with Dr. McHugh's speech, we are career first responders, concerned with response times for those in need during the construction aspect of this experiment. Not to mention safety on the roads with already congested two lane roads. Where will those injured in accidents, due to increased traffic, seek compensation?
2. We are concerned with the back and forths and untruths told by Spower and their attorney up until this point.

3. Our children.... the safety and happiness of our children come first. And like so many other families we are preparing to move out of Spotsylvania county completely of this experiment moves forward.

4. Fire station... the county does not need this experiment to fund a fire station. WE know this...

5. Already talking tax increase? Shame....

6.We could go on but in hopes of this actually being read we will keep this short. HEALTH of your constituents...HEALTH and beauty of many species, HEALTH and beauty of Spotsy's landscape.

DENY DENY DENY SPOWER! WE ARE NOT GUINEA PIGS

Andrea and William Kendall
540-819-0062
andykendall10@gmail.com

--

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Donna Mayfield

From: Kathy King <kaking76@comcast.net>
Sent: Monday, March 18, 2019 6:04 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: save our county: DENY sPower

I am a resident of the Livingston District. As been demonstrated, there is NO benefit to Spotsylvania from the sPower solar plant. There is only risk associated with this venture to many people and to nature, and lost tax revenues.

I sincerely urge you to do the right thing and deny sPower.

Thank you very much.

Katherine King
Livingston District

Sent from my iPad

--

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Donna Mayfield

From: J King <jlking06@gmail.com>
Sent: Monday, March 18, 2019 6:10 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner
Cc: Mark Taylor; Wanda Parrish; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

I am a resident of the CHANCELLOR District. As has been demonstrated, there is NO benefit to Spotsylvania from the sPower solar plant. There is only risk, and lost tax revenues.

I urge you to DENY sPower.

Jamie King

Chancellor District

--

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Donna Mayfield

From: Virginia Goodrich <belchis.vkg@gmail.com>
Sent: Tuesday, March 19, 2019 10:52 AM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; McLaughlinTJ@spotsylvanai.va.us; David Ross; PTrampe@spotsylvanai.va.us; Gary Skinner
Cc: Wanda Parrish
Subject: Save Our County: Deny sPower

As a resident of Livingston District, I respectfully urge you to start small--if at all!
This project is too large. Start with Site B (SUP 180002), as recommended by the Planning Commission, if you must vote for Microsoft.

Virginia Kloian
Livingston District

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Stephanie Koppelman <stephaniek3897@gmail.com>
Sent: Monday, March 18, 2019 7:13 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Gary Skinner; Paul D. Trampe
Cc: Mark Taylor; Wanda Parrish; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

I am a resident of Livingston district. I am asking you to please pay attention to all the residents who have spent many, many hours at meetings (wearing red shirts) and countless hours researching the effects (mostly negative!) that this massive solar project could have on our beautiful area. I am begging you to vote against the SPower Solar project. You need to protect your constituents.
Thank you, Stephanie Koppelman

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Steve Koppelman <skoppelman13@gmail.com>
Sent: Monday, March 18, 2019 6:01 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Gary Skinner; Paul D. Trampe
Cc: Mark Taylor; Wanda Parrish; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

I live in the Livingston district. There is significant RISK and long-term DANGER, with no benefit for Spotsylvania county with respect to the sPower solar farms. I respectfully ask you to DENY them the ability to put our county in harm's way.

Thank you,
Steve Koppelman

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Daniel Kulig <dakulig@verizon.net>
Sent: Wednesday, March 20, 2019 11:43 AM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; David Ross; Paul D. Trampe; Timothy J. McLaughlin; Gary Skinner
Cc: Mark Taylor; Wanda Parrish
Subject: Re: Solar Energy Equipment Tax Exemption (Code of VA 58.1-3661)

Sorry Gentlemen, it was pointed out to me just now that VA 58.1-3660 Section B. got sPower in under the wire with the SCC by filing before June 30, 2018. I apologize for any inconvenience.

Respectfully,
Daniel Kulig

From: "dakulig@verizon.net" <dakulig@verizon.net>
Date: Wednesday, March 20, 2019 at 11:07 AM
To: Greg Benton <GBenton@spotsylvania.va.us>, Chris Yakabouski <cyakabouski@spotsylvania.va.us>, Kevin Marshall <kmarshall@spotsylvania.va.us>, David Ross <David.Ross@spotsylvania.va.us>, Paul Trampe <PTrampe@spotsylvania.va.us>, Timothy McLaughlin <McLaughlinTJ@spotsylvania.va.us>, Gary Skinner <gskinner@spotsylvania.va.us>
Cc: Mark Taylor <Mtaylor@spotsylvania.va.us>, Wanda Parrish <wparrish@spotsylvania.va.us>
Subject: Solar Energy Equipment Tax Exemption (Code of VA 58.1-3661)

Gentlemen,
Were we the Citizens of Spotsylvania mislead into believing that the local property tax exemption being given to sPower was mandated by the State? It appears that the VA state Code (58.1-3661) states that “ The governing body of any county, city or town **MAY**, by ordinance, exempt or partially exempt such property(Solar energy equipment) from local taxation in the manner provided by subsection D,” but does not require the entity to do so.

So my question to you the BOS: Are you GRANTING sPower a tax exemption. WHILE in the SAME BREATH asking the residents of the County to accept a TAX INCREASE as proposed in the new budget.

I believe in your position as Supervisors, you are at the very least morally obligated to individually answer this question for the public record.

Respectfully,
Daniel Kulig
Livingston District

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Daniel Kulig <dakulig@verizon.net>
Sent: Monday, March 18, 2019 6:02 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner
Cc: Mark Taylor; Wanda Parrish; Concerned Citizens
Subject: Save our countyDENY sPower

We are residents of the Livingston District. As has been discussed, there is no direct benefit from approval of the sPower Industrial Solar Plant to the Livingston District or the County. In fact, there has been little discussion of the most prevalent and highest probability risk, Stormwater and Sediment Damage to the RPA's and Wetlands within the proposed locations. There is NO Statewide or County guidance contained in the VA Stormwater or Erosion Control Handbooks for Solar Arrays. The County, as the states Stormwater Project Manager for this project is the responsible party. THINK CAREFULLY before you vote.

Dan & Barbara Kulig
Livingston District

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Lew Sherman <lewsherman1@gmail.com>
Sent: Tuesday, March 19, 2019 1:53 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner
Cc: Mark Taylor; Wanda Parrish; Concerned Citizens
Subject: Save Our County: DENY sPower

I think we all know that the only benefits accruing in this matter are to those affiliated with sPower--NOT the residents and long-time taxpayers of this county.

Can you honestly tell yourselves that sPower has been forthcoming with valid answers to your/our questions? If they haven't done so yet, how can you expect them to be good neighbors if the project is approved?

DON'T saddle Spotsylvania with unimaginable debt when these LLCs are unable to generate the amount of electricity they project and then walk away from their decommissioning responsibilities because they are no longer profitable.

DENY sPower!

--

Lew Sherman
Livingston District

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Lew Sherman <lewsherman1@gmail.com>
Sent: Tuesday, March 19, 2019 1:53 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner
Cc: Mark Taylor; Wanda Parrish; Concerned Citizens
Subject: Save Our County: DENY sPower

I think we all know that the only benefits accruing in this matter are to those affiliated with sPower--NOT the residents and long-time taxpayers of this county.

Can you honestly tell yourselves that sPower has been forthcoming with valid answers to your/our questions? If they haven't done so yet, how can you expect them to be good neighbors if the project is approved?

DON'T saddle Spotsylvania with unimaginable debt when these LLCs are unable to generate the amount of electricity they project and then walk away from their decommissioning responsibilities because they are no longer profitable.

DENY sPower!

--

Lew Sherman
Livingston District

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Donna Mayfield

From: Wendy Lattimore <wklattimore@gmail.com>
Sent: Monday, March 18, 2019 8:55 PM
To: Paul D. Trampe; Gary Skinner; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: DENY sPOWER - Save our County

I am a resident of the Livingston District. There is just too much unknown on this project and no guarantees of public safety. Only many "If's" "Should" or "Should not" opinions. There are too many if's and you would be putting my children and their children at risk if you cannot 100 percent guarantee their future safety. Please don't sell my children's safety out for money.

Not to mention we moved here for the beauty of the county. You would be changing that forever.

I ask you respectfully to DENY sPower.

Wendy Lattimore, Donny Lattimore, Luke Lattimore, Tucker Lattimore, Chase Lattimore, Phillip Lattimore

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Donna Mayfield

From: Wendy Lattimore <wklattimore@gmail.com>
Sent: Monday, March 18, 2019 9:08 PM
To: Paul D. Trampe; Gary Skinner; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: SPower Polls Were Push Polls and NOT accurate - Please don't trust them

I hope you are well aware that the "POLLs" from SPower are of course PUSH POLLs. A deceptive marketing technique, that SPower is using to manipulate and alter the caller's views/beliefs under the guise of conducting an opinion poll. Just yet another deceptive, manipulative dirty tactic. I hope you are not placing any kind of merit on these so called polls. You have seen how ugly and dirty sPower is so why would we want them as neighbors and a part of our county. They are suing landowners in other states, using deceptive practices on every angle in every project. HOW can you trust them? They DO NOT care about Spotsylvania residents. Please don't sell us out.

Please deny them!

Respectfully,
Wendy Lattimore

--

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Donna Mayfield

From: Wayne Lauderback <wlauderback@verizon.net>
Sent: Monday, March 18, 2019 6:09 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David.Ross@spotsylvaniia.va.us; {PTrampe@spotsylvania.va.us; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: DENY sPower

I am a resident of Fawn Lake community in the LIVINGSTON District. I am 100% against the S power project. I cannot believe that such a project has gone this far in the approval process. PLEASE vote NO on the issue when it comes to a vote.

Wayne Lauderback
Livingston District

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Donna Mayfield

From: Edward Leaf <ewleaf@msn.com>
Sent: Tuesday, March 19, 2019 5:11 AM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Please Save Our County, Deny sPower

I am a long term resident of Spotsylvania Country and the Livingston District. I have read the literature and seen the testimonies of those who are trying to justify building one of the largest solar plants in the US in Spotsylvania County.

This is not beneficial to Spotsylvania County.

My wife and I are interested in purchasing an existing home in Fawn Lake. If sPower is allowed to build a 6000 acre solar farm essentially in our back yard, we will look at moving to Fauquier County as we do not want to deal with two years of "construction dust", noise and traffic and potential property deprecation.

Respectfully,

Edward W. Leaf
Livingston District
Sent from [Outlook](#)

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This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Wendy Lattimore <wklattimore@gmail.com>
Sent: Monday, March 18, 2019 8:55 PM
To: Paul D. Trampe; Gary Skinner; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: DENY sPOWER - Save our County

I am a resident of the Livingston District. There is just too much unknown on this project and no guarantees of public safety. Only many "If's" "Should" or "Should not" opinions. There are too many if's and you would be putting my children and their children at risk if you cannot 100 percent guarantee their future safety. Please don't sell my children's safety out for money.

Not to mention we moved here for the beauty of the county. You would be changing that forever.

I ask you respectfully to DENY sPower.

Wendy Lattimore, Donny Lattimore, Luke Lattimore, Tucker Lattimore, Chase Lattimore, Phillip Lattimore

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This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Alison Lemon <alisonmlemon@gmail.com>
Sent: Monday, March 18, 2019 9:52 PM
To: David Ross; Thomas G. Benton; Timothy J. McLaughlin; Mark Taylor; Paul D. Trampe; concernedcitizensspotsylvania@gmail.com; Chris Yakabouski; Gary Skinner; Kevin Marshall; Wanda Parrish
Subject: Save our county: DENY SPower

I am a resident of the LIVINGSTON district, one that will be directly and negatively affected by SPower's proposed utility facility. This project will increase electricity bills and resulting financial burdens on residents, lower our property values, and decimate our faith in our elected officials. Please listen to and honor the wishes of your constituents. Deny SPower's plant and its ultimate takeover of our beautiful county.

Alison M Lemon
Livingston district resident

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This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Livi Dolgin <livitrumps@gmail.com>
Sent: Tuesday, March 19, 2019 8:51 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Tax reduction is ALLOWED. Not required per sectionCode of VA 58.1-3661

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This email was Malware checked by UTM 9. <http://www.sophos.com>

1:34 PM Sun Mar 17

 deq.virginia.gov

Potential Applicants: Local government, N

The VirginiaSAVES Green Community Program
Department of Mines, Minerals, and Energy (DMMME)
renewable energy, and alternative fuel loans.

Solar Energy Equipment Tax Exemption (C

Potential Applicants: Business, Industry, a

This statute allows any county, city, or town to
property taxes. Eligible technologies include p
space heat, solar thermal electricity, and phot
'property, including real and personal property
would otherwise require a conventional source

Localities offering exemptions: Albemarle, Ale
Falls Church, Hampton, Hanover, Henrico, Isl
William, Pulaski, Roanoke, Spotsylvania, and

For more information contact [Ken Jurman](#) at 8

Sent from my iPad

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This email was Malware checked by UTM 9. <http://www.sophos.com>

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture

Specific hazards This product is toxic.

Hazardous combustion products Thermal decomposition or combustion products may include the following substances: Toxic gases or vapors.

Advice for firefighters

Protective actions during firefighting Avoid breathing fire gases or vapors. Evacuate area. Keep upwind to avoid inhalation of gases, vapors, fumes and smoke. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

Special protective equipment for firefighters Wear chemical protective suit. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Standard Firefighter's clothing including helmets, protective boots and gloves will provide a basic level of protection for chemical incidents.



SAFETY DATA SHEET

Cadmium Tellurium (pieces)

1. Identification

Product identifier

Product name Cadmium Tellurium (pieces)

Internal identification Replaces M-2230-045

CAS number 1306-25-8

Recommended use of the chemical and restrictions on use

Application Exterior surface coating.

Uses advised against No specific uses advised against are identified.

Details of the supplier of the safety data sheet

Supplier Kurt J Lesker Company

Manufacturer Kurt J Lesker Company
1925 Route 51
Jefferson Hills, PA 15025
+1 412-387-9200

Kurt J Lesker Company LTD
United Kingdom
15-16 Burgess Road
Hastings, East Sussex, TN35 4NR
England
Customer Service: +44 (0) 1424 458100
msds@lesker.com

Emergency telephone number

Emergency telephone North America [USA, Canada, Mexico]: 1-866-519-4752
Mainland China: (+86) 4001 2001 74
Europe: {int'l call prefix}-1-760-476-3961
Asia Pacific: {int'l call prefix}-1-760-476-3960
Middle East & Africa: {int'l call prefix}-1-760-476-3959

Access Code - 333594

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Not Classified

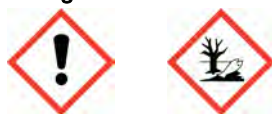
Health hazards Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332

Environmental hazards Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

Label elements

Cadmium Tellurium (pieces)

Pictogram



Signal word

Warning

Hazard statements

H302+H312+H332 Harmful if swallowed, in contact with skin or if inhaled.
 H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements

P261 Avoid breathing vapor/ spray.
 P273 Avoid release to the environment.
 P301+P310 If swallowed: Immediately call a poison center/ doctor.
 P302+P352 If on skin: Wash with plenty of water.
 P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.
 P312 Call a poison center/ doctor if you feel unwell.

Contains

Cadmium Telluride (pieces)

Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

3. Composition/information on ingredients

Mixtures

Cadmium Tellurium (pieces)		0 - 100%
CAS number: 1306-25-8		
M factor (Acute) = 1		M factor (Chronic) = 1
Classification Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410		

The full text for all hazard statements is displayed in Section 16.

4. First-aid measures

Description of first aid measures

General information

If in doubt, get medical attention promptly. Show this Safety Data Sheet to the medical personnel.

Inhalation

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention. Place unconscious person on their side in the recovery position and ensure breathing can take place.

Ingestion

Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Never give anything by mouth to an unconscious person. Place unconscious person on their side in the recovery position and ensure breathing can take place. Keep affected person under observation. Get medical attention.

Cadmium Tellurium (pieces)

Skin Contact It is important to remove the substance from the skin immediately. Remove contamination with soap and water or recognized skin cleansing agent. Get medical attention.

Eye contact Rinse with water. Get medical attention if any discomfort continues.

Protection of first aiders First aid personnel should wear appropriate protective equipment during any rescue.

Most important symptoms and effects, both acute and delayed

General information The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation A single exposure may cause the following adverse effects: Headache. Exhaustion and weakness.

Ingestion May cause discomfort if swallowed. Stomach pain. Nausea, vomiting.

Skin contact May cause discomfort.

Eye contact No specific symptoms known. May be slightly irritating to eyes.

Indication of immediate medical attention and special treatment needed

Notes for the doctor Treat symptomatically.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture

Specific hazards This product is toxic.

Hazardous combustion products Thermal decomposition or combustion products may include the following substances: Toxic gases or vapors.

Advice for firefighters

Protective actions during firefighting Avoid breathing fire gases or vapors. Evacuate area. Keep upwind to avoid inhalation of gases, vapors, fumes and smoke. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

Special protective equipment for firefighters Wear chemical protective suit. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Standard Firefighter's clothing including helmets, protective boots and gloves will provide a basic level of protection for chemical incidents.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk. Avoid inhalation of dust and vapors. Use suitable respiratory protection if ventilation is inadequate. Avoid contact with skin and eyes.

Environmental precautions

Cadmium Tellurium (pieces)

Environmental precautions Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment.

Methods and material for containment and cleaning up

Methods for cleaning up Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Provide adequate ventilation. Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dangerous for the environment. Do not empty into drains. For waste disposal, see Section 13.

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

7. Handling and storage

Precautions for safe handling

Usage precautions Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Keep container tightly sealed when not in use. Avoid discharge to the aquatic environment. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers.

Advice on general occupational hygiene Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities

Storage precautions Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage.

Storage class Toxic storage.

Specific end uses(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.

8. Exposure controls/Personal protection

Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Ensure the ventilation system is regularly maintained and tested. Good general ventilation should be adequate to control worker exposure to airborne contaminants. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses.

Cadmium Tellurium (pieces)

Hand protection	Wear protective gloves. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with OSHA 1910.138 and be demonstrated to be impervious to the chemical and resist degradation. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.
Other skin and body protection	Wear appropriate clothing to prevent any possibility of skin contact.
Hygiene measures	Wash hands thoroughly after handling. Wash at the end of each work shift and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.
Respiratory protection	Ensure all respiratory protective equipment is suitable for its intended use and is NIOSH approved. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with OSHA 1910.134. Full face mask respirators with replaceable filter cartridges should comply with OSHA 1910.134. Half mask and quarter mask respirators with replaceable filter cartridges should comply with OSHA 1910.134.
Environmental exposure controls	Keep container tightly sealed when not in use. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Solid.
Color	Black.
Odor	No characteristic odor.
Odor threshold	Not applicable.
pH	Not applicable.
Melting point	1092°C
Initial boiling point and range	Not available.
Flash point	Not applicable.
Evaporation rate	Not applicable.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not applicable.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	6.2 @ 25°C
Bulk density	Not available.
Solubility(ies)	Insoluble in water.
Partition coefficient	Not applicable.
Auto-ignition temperature	Not applicable.

Cadmium Tellurium (pieces)

Decomposition Temperature	Not available.
Viscosity	Not applicable.
Molecular weight	240.01

10. Stability and reactivity

Reactivity	There are no known reactivity hazards associated with this product.
Stability	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
Possibility of hazardous reactions	No potentially hazardous reactions known.
Conditions to avoid	There are no known conditions that are likely to result in a hazardous situation.
Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
Hazardous decomposition products	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Toxic gases or vapors.

11. Toxicological information

Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅₀)	Acute Tox. 4 - H302 Harmful if swallowed.
ATE oral (mg/kg)	500.0

Acute toxicity - dermal

Notes (dermal LD₅₀)	Acute Tox. 4 - H312 Harmful in contact with skin.
ATE dermal (mg/kg)	1,100.0

Acute toxicity - inhalation

Notes (inhalation LC₅₀)	Acute Tox. 4 - H332 Harmful if inhaled.
ATE inhalation (dusts/mists mg/l)	1.5

Skin corrosion/irritation

Animal data	Based on available data the classification criteria are not met.
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Serious eye damage/irritation

Serious eye damage/irritation	Based on available data the classification criteria are not met.
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Respiratory sensitization

Respiratory sensitization	Based on available data the classification criteria are not met.
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Skin sensitization

Skin sensitization	Based on available data the classification criteria are not met.
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Germ cell mutagenicity

Genotoxicity - in vitro	Based on available data the classification criteria are not met.
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Carcinogenicity

Cadmium Tellurium (pieces)

Carcinogenicity	Based on available data the classification criteria are not met.
IARC carcinogenicity	None of the ingredients are listed or exempt.
<u>Reproductive toxicity</u>	
Reproductive toxicity - fertility	Based on available data the classification criteria are not met.
Reproductive toxicity - development	Based on available data the classification criteria are not met.
<u>Specific target organ toxicity - single exposure</u>	
STOT - single exposure	Not classified as a specific target organ toxicant after a single exposure.
<u>Specific target organ toxicity - repeated exposure</u>	
STOT - repeated exposure	Not classified as a specific target organ toxicant after repeated exposure.
<u>Aspiration hazard</u>	
Aspiration hazard	Not relevant. Solid.
<u>General information</u>	
General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	A single exposure may cause the following adverse effects: Headache. Exhaustion and weakness.
Ingestion	May cause discomfort if swallowed. Stomach pain. Nausea, vomiting.
Skin Contact	May cause discomfort.
Eye contact	No specific symptoms known.
Route of exposure	Ingestion Inhalation Skin and/or eye contact
Target Organs	No specific target organs known.

12. Ecological information

Toxicity	Aquatic Acute 1 - H400 Very toxic to aquatic life. Aquatic Chronic 1 - H410 Very toxic to aquatic life with long lasting effects.
<u>Persistence and degradability</u>	
Persistence and degradability	The degradability of the product is not known.
<u>Bioaccumulative potential</u>	
Bio-Accumulative Potential	No data available on bioaccumulation.
Partition coefficient	Not applicable.
<u>Mobility in soil</u>	
Mobility	No data available.
<u>Other adverse effects</u>	
Other adverse effects	None known.

13. Disposal considerations

Waste treatment methods

Cadmium Tellurium (pieces)

General information The generation of waste should be minimized or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

Disposal methods Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labeled with their contents. Incineration or landfill should only be considered when recycling is not feasible.

14. Transport information

General For limited quantity packaging/limited load information, consult the relevant modal documentation using the data shown in this section.

UN Number

UN No. (TDG)	2570
UN No. (IMDG)	2570
UN No. (ICAO)	2570
UN No. (DOT)	2570

UN proper shipping name

Proper shipping name (TDG)	CADMIUM COMPOUND
Proper shipping name (IMDG)	CADMIUM COMPOUND
Proper shipping name (ICAO)	CADMIUM COMPOUND
Proper shipping name (DOT)	CADMIUM COMPOUND

Transport hazard class(es)

TDG class	6.1
TDG label(s)	6.1
IMDG Class	6.1
ICAO class/division	6.1

Transport labels



Packing group

TDG Packing Group	III
IMDG packing group	III
ICAO packing group	III
DOT packing group	III

Environmental hazards

Environmentally Hazardous Substance
No.

Cadmium Tellurium (pieces)

Special precautions for user

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

EmS

F-A, S-A

15. Regulatory information

US Federal Regulations

SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities

None of the ingredients are listed or exempt.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

None of the ingredients are listed or exempt.

SARA Extremely Hazardous Substances EPCRA Reportable Quantities

None of the ingredients are listed or exempt.

SARA 313 Emission Reporting

Yes

CAA Accidental Release Prevention

None of the ingredients are listed or exempt.

FDA - Essential Chemical

None of the ingredients are listed or exempt.

FDA - Precursor Chemical

None of the ingredients are listed or exempt.

SARA (311/312) Hazard Categories

Acute
Chronic

OSHA Highly Hazardous Chemicals

None of the ingredients are listed or exempt.

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

WARNING



Cancer and Reproductive harm - www.p65warnings.ca.gov

California Air Toxics "Hot Spots" (A-I)

None of the ingredients are listed or exempt.

California Air Toxics "Hot Spots" (A-II)

None of the ingredients are listed or exempt.

California Directors List of Hazardous Substances

All the ingredients are listed or exempt.

Massachusetts "Right To Know" List

All the ingredients are listed or exempt.

Cadmium Tellurium (pieces)

Rhode Island "Right To Know" List

All the ingredients are listed or exempt.

Minnesota "Right To Know" List

None of the ingredients are listed or exempt.

New Jersey "Right To Know" List

All the ingredients are listed or exempt.

Pennsylvania "Right To Know" List

None of the ingredients are listed or exempt.

Inventories

US - TSCA

All the ingredients are listed or exempt.

US - TSCA 12(b) Export Notification

None of the ingredients are listed or exempt.

Philippines - PICCS

All the ingredients are listed or exempt.

New Zealand - NZIOC

All the ingredients are listed or exempt.

16. Other information

Revision date	8/31/2018
Revision	2
Supersedes date	1/5/2016
SDS No.	4766
Hazard statements in full	H302 Harmful if swallowed. H312 Harmful in contact with skin. H332 Harmful if inhaled. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects.

End of SDS

Donna Mayfield

From: lorrishomeart@aol.com
Sent: Tuesday, March 19, 2019 11:23 AM
To: Paul D. Trampe; Gary Skinner; David Ross; Timothy J. McLaughlin; Chris Yakabouski; Thomas G. Benton; Kevin Marshall
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Re: Vote no

Dear Board of Supervisors,

Many newspaper articles have been sent to you from real counties across numerous states that testify to their severe budget crisis and significant electric bill increases for their residents due to allowing solar generating operations in their county. I am sure they, too, were promised the moon. The same occurred with the new baseball stadium in Cobb County, Ga with the residents getting a huge tax increase. You are in the hands of master soothsayers who are telling you exactly what you want to hear to line their own pockets. No one would tie up for 30 or 40 years for that valuable of an asset, 6000 acres, for that many years with that low of a return. It does not make any business sense regardless of how you look at: economically, allocation of resources, Zoning, impact on tourism, environmental and impact on the residents. Please have discernment and deny Spower!

<https://www.worldtribune.com/lawmaker-solar-farms-costs-to-north-carolina-taxpayers-out-of-control/?fbclid=IwAR1ltnUqxVk3dM-x3VQaPZIT8Mik8OaBMvahFrF86EKuCP88DWomK85Ye4Q>

Praying!

Lorri Tucker

And we know that in all things God works for the good of those who love him, who have been called according to his purpose. Romans 8:28 niv

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This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Dkmonalove (Kathy Lovello) <dkmonalove@aol.com>
Sent: Monday, March 18, 2019 5:50 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY SPOWER

The disadvantages FAR outweigh the benefits. SAY NO TO ALL 3 SUPs FOR SPOWER.
Our roads will be destroyed by 700 BIG TRUCK TRIPS DAILY FOR 2 YEARS!
The devastation from 30-40 years of toxic glass panels causing runoff into the Chesapeake Bay Watershed is terrifying.
The loss of tax revenue will cause our taxes to go up.

Just say NO. There is not enough good for Spotsylvania. We will be the laughingstock of the nation for permitting this monstrosity to break our Comprehensive Plan, destroy our region, and send all the power to big corporations unwilling to put solar panels on their own roofs!

Be well,
Kathy
Katherine Lovello MD
11210 Fawn Lake Parkway
Livingston District
Look, feel and perform better! Ask me.
540-842-0086

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: JULIE LUBESHKOFF <clubeshkoff@comcast.net>
Sent: Monday, March 18, 2019 6:01 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

I am a resident of the Livingston District. After much research I see no benefit to the proposed sPower solar plant and am concerned about long term county costs, liability, and yet to be discovered health problems. Don't make our county the guinea pigs for a solar plant so close to residential properties.

I urge you to DENY Spower.

Julie Lubeshkoff

Livingston District

--

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Donna Mayfield

From: navygirl 0012 <emmafaith0012@gmail.com>
Sent: Monday, March 18, 2019 7:24 PM
To: Thomas G. Benton; Chris Yakabouski; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Kevin Marshall; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

Whatever decision you make about the solar plant will greatly affect my generation and the people living in the area right now. I would not like to live next to a hazardous and dangerous solar plant in a place where the sun does not even shine down on our historic community all the time.

Please say no to sPower and protect our area's Civil War history.

Emma Lubeshkoff
Age 14
Livingston District

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Charles Lubeshkoff <cel613@comcast.net>
Sent: Monday, March 18, 2019 6:00 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save Spotsylvania County DENY sPower

I am a resisident of the Livingston District. I love our county and the direction it was going **two years** ago. As a pure Risk Assessment, the downside risk of approving this solar monstrosity is clearly greater than saying NO. Let's go back to the sustainable plan that we were on only a couple years ago.

PLEASE VOTE NO!!

Charles Lubeshkoff

--

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Donna Mayfield

From: Jeannie Lusby <jeannie.lusby@gmail.com>
Sent: Tuesday, March 19, 2019 9:40 AM
To: Thomas G. Benton; Kevin Marshall; david.rose@spotsylvania.va.us; gskiner@spotsylvania.va.us; Chris Yakabouski; Timothy J. McLaughlin; Paul D. Trampe
Cc: Mark Taylor; Wanda Parrish; concernedcitizensspotsylvania@gmail.com
Subject: SAVE OUR COUNTY: DENY S POWER

I am a resident of Spotsylvania County in the Livingston District. I strongly urge you to DENY S Powers massive solar plant that has absolutely no place in a residential area that could have long lasting detrimental impact to our environment! This plant is of no benefit to our citizens and is only going to have risk and lost tax revenues. Please do the RESPONSIBLE THING for the sake of our beautiful county and our children's/grandchildren's future and vote NO to this massive plant!

Jeannie and Fred Lusby

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Matt Culbreath <mattculbreath@gmail.com>
Sent: Tuesday, March 19, 2019 12:57 PM
To: Paul D. Trampe; Gary Skinner; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

Please listen to your residents. As a resident of Livingston District, I do not support the solar farm or sPower. This is not beneficial to our county and this has been demonstrated repeatedly through much research and analysis.

Vote to DENY sPower.

Matt Culbreath
Livingston District

--

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Donna Mayfield

From: Teresa Marcus <tmccardle@msn.com>
Sent: Tuesday, March 19, 2019 8:16 AM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor
Subject: No to S-Power

Please save our community and neighborhoods. This board has the opportunity to act with integrity and vote for what's best for the people and not the corporations, unlike the rest of our politicians in office. This company has already been caught with false and misleading information; what will they do to Spotsylvania if they are actually permitted to be here (Flint, Michigan comes to mind).

Please do the right thing and vote NO.

Fawn Lake resident,
Teresa K. Marcus

--

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Donna Mayfield

From: Kevin McCarthy <kjmmusic@gmail.com>
Sent: Monday, March 18, 2019 6:00 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; Concerned Citizens Spotsylvania
Subject: Save our county: DENY sPower.

I am a resident of the LIVINGSTON District. As has been demonstrated, there is NO benefit to Spotsylvania from the sPower solar plant. There is only risk and lost revenue.

I urge you to DENY sPower.

Kevin McCarthy
Livingston District

--
This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Debbie McCarthy <dlimccar212@aol.com>
Sent: Monday, March 18, 2019 6:00 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

I ask that in full knowledge that there has been nothing this big near family wells and the fragile ecosystems, the county roads. Peoples biggest investments that look upon this monstrosity has not been played out anywhere like this. All others that massive are far from homes and wells.

The loss of that land for many more than 40 years as it will not be useful after what is done. Trees and forests destroyed by a subsidized investment. This is not renewable as nothing is green about it.
Please VOTE NO to sPower on A, B & C.

Thank you,

Debra Spurlock McCarthy BSN, RN

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Jenn Fletcher <jennyc@mccormickgroup.com>
Sent: Monday, March 18, 2019 9:01 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Fwd: SAVE OUR COUNTY
Attachments: image001.gif

We are residents of the Livingston District and request that you DENY sPower and not allow their MEGA plant here. There is only risk to our State – county. There is no benefit for a MEGA plant to be in our county next to families/watershed/wildlife. SOLAR POWER IS NOT A GOOD POWER CHOICE FOR VIRGINIA! We don't want sPower in our County!!!!

Thank you!

Barbara

Barbara Chamberlain McCormick

Controller

The McCormick Group, Inc.

Corporate Offices

1440 Central Park Blvd., Suite 207

Fredericksburg, Va 22401

Main Phone: (540) 786-9777

Direct Line: (540) 786-9266

Fax: (540) 786-9355

<http://www.mccormickgroup.com>

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Donna Mayfield

From: Gregg McCrary <greggmccrary@gmail.com>
Sent: Monday, March 18, 2019 7:06 PM
To: Paul D. Trampe; Gary Skinner; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Please, Save Our County - Deny Power

I am a retired FBI Agent and my wife is a retired Spotsylvania High School teacher. We have lived in the Livingston District for over 30 years and consider this our "forever" home. Please listen to the informed voices and concerns of your fellow Spotsylvanians whose interests and well being you have sworn to represent. Spower has a cadre of high-powered attorneys and PR Firms whose singular goal is to ensure Spower's interests prevail at the expense of all others. At this critical inflection point in Spotsylvania's history, I urge you to DENY Spower's special use permits for solar energy. It is simply the right thing to do.

Respectfully,

Gregg O. McCrary

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: carol mccrary <caroljesh@aol.com>
Sent: Monday, March 18, 2019 6:07 PM
To: GBenton@spoysylvania.va.us; Kevin Marshall; David Ross; Gary Skinner; Chris Yakabouski; Timothy J. McLaughlin; Paul D. Trampe
Cc: Mark Taylor; Wanda Parrish; concernedcitizensspotsylvania@gmail.com
Subject: Save our County: DENY sPower

Please listen to the voices and concerns of the county residents you represent and don't be swayed by companies with high powered attorneys, PR firms, and unrealistic promises. As a resident of the Livingston district, I urge you to protect the beautiful, historic county entrusted to your care and oversight. Please DENY sPower.

Sincerely,
Carol McCrary

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Mary Lou McGonigle <macml@comcast.net>
Sent: Monday, March 18, 2019 11:37 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: sPOWER
Attachments: MaryLouMcGonigle.vcf

Dear Council Members,

Please vote against the sPOWER request. Taxes, jobs and environment are my main concerns.

Thank You,

Mary L. McGonigle

Livingston District

--

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Donna Mayfield

From: Patrick J. McHugh, D.O. <patrick@mchughdo.com>
Sent: Monday, March 18, 2019 8:42 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: Deny sPower

This homeowner and registered voter of the LIVINGSTON District does **NOT** support the building of a solar plant in Spotsylvania County.

A solar plant will reduce our tax base, increase our tax burden, lower property values, pollute our waters, and impede emergency response times due to traffic that exceeds the capabilities of our infrastructure.

I urge you to see through sPower's empty promises and liability-proof façade of LLC's. We, the homeowners and residents of Spotsylvania County, will be forced to clean up the mess at our own expense when this experiment ultimately fails.

VOTE NO!

DENY sPower!

Thank you, Patrick

Patrick J. McHugh, D.O., MBA, FACEP
11611 Longstreet Drive
Spotsylvania, VA 22551

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Patrick J. McHugh, D.O. <patrick@mchughdo.com>
Sent: Monday, March 18, 2019 8:42 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: Deny sPower

This homeowner and registered voter of the LIVINGSTON District does **NOT** support the building of a solar plant in Spotsylvania County.

A solar plant will reduce our tax base, increase our tax burden, lower property values, pollute our waters, and impede emergency response times due to traffic that exceeds the capabilities of our infrastructure.

I urge you to see through sPower's empty promises and liability-proof façade of LLC's. We, the homeowners and residents of Spotsylvania County, will be forced to clean up the mess at our own expense when this experiment ultimately fails.

VOTE NO!

DENY sPower!

Thank you, Patrick

Patrick J. McHugh, D.O., MBA, FACEP
11611 Longstreet Drive
Spotsylvania, VA 22551

--

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Donna Mayfield

From: Keri Jo A. McHugh, D.O. <keri@mchughdo.com>
Sent: Monday, March 18, 2019 8:42 PM
To: Aimee Mann; Thomas G. Benton; Paul D. Trampe; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Gary Skinner; Mark Taylor; Wanda Parrish
Cc: concernedcitizensspotsylvania@gmail.com
Subject: Save our county — Deny sPower!

As a resident and taxpayer of Spotsylvania County, I urge you to vote NO to sPower's massive solar EXPERIMENT. Your constituents and our county deserve better than to become the test subjects of a massive solar plant. It is a declining tax revenue source, an impedance to emergency response times, a potential environmental and health disaster, and a future burden for our children and grandchildren as a result of underfunded decommissioning costs. With NO power actually designated for Spotsylvania County, why would you risk our health, safety, and county viability to line the pockets of a LIMITED LIABILITY CORPORATION who has shown itself not to be a good neighbor. You will determine a legacy with this vote. Please vote NO!

Respectfully,

Keri Jo A. McHugh, DO, FACEP

--

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Donna Mayfield

From: K McDaddy <kmcdaddy01@gmail.com>
Sent: Monday, March 18, 2019 6:01 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; Aimee Mann; concernedcitizensspotsylvania@gmail.com; Thomas G. Benton
Subject: Save our county: DENY sPower

As a resident and taxpayer of Spotsylvania County, I urge you to vote NO to sPower's massive solar EXPERIMENT. Your constituents and our county deserve better than to become the test subjects of a massive solar plant. It is a declining tax revenue source, an impedance to emergency response times, a potential environmental and health disaster, and a future burden for our children and grandchildren as a result of underfunded decommissioning costs. With NO power actually designated for Spotsylvania County, why would you risk our health, safety, and county viability to line the pockets of a LIMITED LIABILITY CORPORATION who has shown itself not to be a good neighbor. You will determine a legacy with this vote. Please vote NO!

Respectfully,

Keri Jo A. McHugh, DO, FACEP

--

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Donna Mayfield

From: Patrick J. McHugh, D.O. <patrick@mchughdo.com>
Sent: Monday, March 18, 2019 8:42 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: Deny sPower

This homeowner and registered voter of the LIVINGSTON District does **NOT** support the building of a solar plant in Spotsylvania County.

A solar plant will reduce our tax base, increase our tax burden, lower property values, pollute our waters, and impede emergency response times due to traffic that exceeds the capabilities of our infrastructure.

I urge you to see through sPower's empty promises and liability-proof façade of LLC's. We, the homeowners and residents of Spotsylvania County, will be forced to clean up the mess at our own expense when this experiment ultimately fails.

VOTE NO!

DENY sPower!

Thank you, Patrick

Patrick J. McHugh, D.O., MBA, FACEP
11611 Longstreet Drive
Spotsylvania, VA 22551

--

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Donna Mayfield

From: Dundee McManis <dundeemcmanis@gmail.com>
Sent: Monday, March 18, 2019 6:01 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our County: DENY sPower

I am a resident of the LIVINGSTON District. As has been meticulously researched and demonstrated to you over the past months, this solar power project is rife with risks both known and unknown from a company that has shown that they will stoop to the lowest level to get what they they want - to make billions of dollars at our expense! Don't be taken in by this!

I urge you to DENY sPower.

Dundee McManis
Livingston District

--

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SAVE SPOTSYLVANIA RURAL LAND

Although some of our elected leaders voted that the use of rural land for very large tracts of energy use are within the vision of the county comprehensive plan it remains unclear how this is possible. No one has fully studied the effects of this use on the county. What could other uses be? This was partly discussed by an expert at the last public meeting demonstrating more funds with other uses. Some negative effects have been demonstrated in other communities such as flooding or unproductive soil. Are other agricultural uses possible? Historical purposes are always appropriate. Sylvan uses are environmentally fitting. When trees are removed we also remove a source of oxygen. Have those who sponsor "green" causes forgotten the background for solar energy development? Much could be done with this land. And we should never forget the adjacent battlefields.

As a county we need a lengthy review before such a mammoth project. It is conceivable that we might proceed with the smaller lots for a solar factory experiment to test environmental effects. We will not get energy results for Spotsylvania in any case. The energy goes to other areas. It is also solar, so it is effective at only certain times and seasons. We can all agree on solar panels for roof use or other uses.

The County Comprehensive Plan will always involve all the community and will try to consider the needs of the entire county in all areas of growth. This project falls short of that vision.

Donna Mayfield

From: Mike Mikolosko <redredfox@verizon.net>
Sent: Monday, March 25, 2019 9:38 AM
To: Thomas G. Benton; Chris Yakabowski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish
Subject: sPower SUP shuttling of construction workforce

In the sPower Resolution of Approval with Staff Conditions mentioned during the Board of Supervisors' meeting on March 12th, the Planning Staff made a recommendation in section B.2 under Construction that "the Operator shall shuttle at least twenty percent (20%) of the workforce to and from the site during construction." This percentage was reduced from seventy percent (70%), as recommended by the Planning Commission, to twenty percent (20%) on the basis, as explained by the Planning Staff, of inadequate parking spaces for the workforce during construction. Specifically, one supervisor asked where the construction workforce vehicles would park.

Both the Kimley Horn Construction Traffic and Access Evaluation, Feb 16, 2018, revised June 14 2018, and the sPower Traffic Mitigation Plan, December 13, 2018 reference off-site parking locations. The first document makes a statement that workers will be originating their trips from temporary residences (motels). The second references off-site parking opportunities.

"Off-Site Parking: The following off-site parking opportunities in the greater Fredericksburg area and along the I-95 corridor are under consideration:

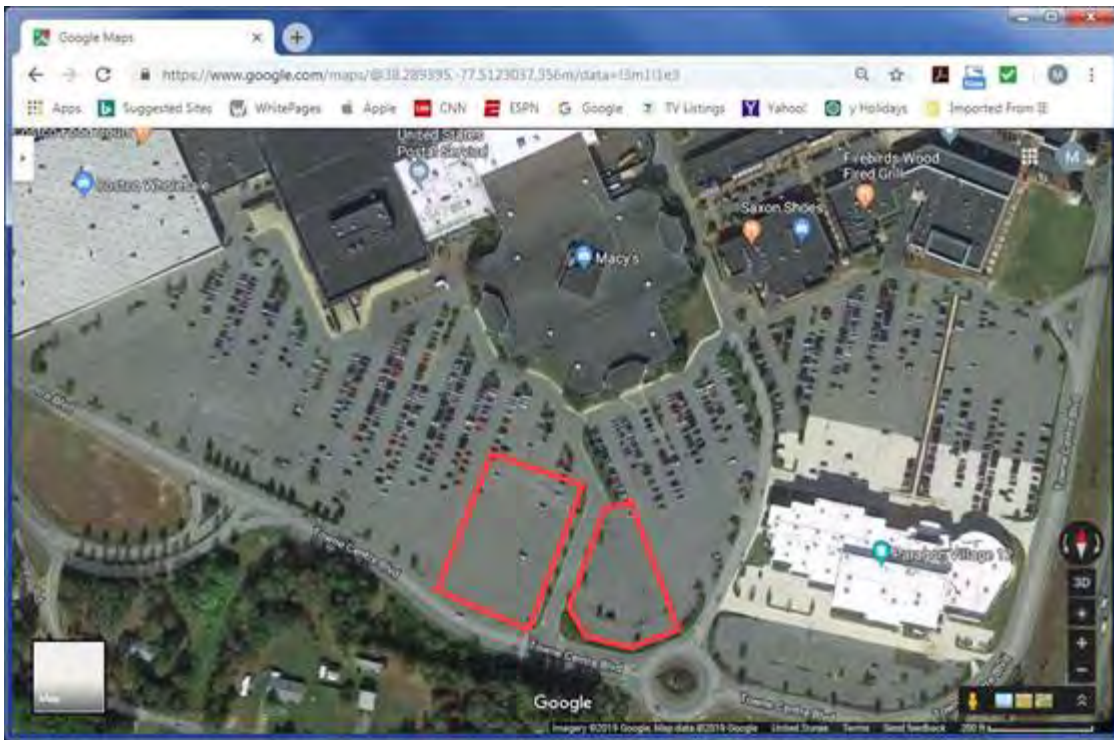
*- **Park and Ride and Virginia Railway Express (VRE) Parking Lots** – VDOT manages six park and ride lots for a combined total of over 5,000 parking spaces in the greater Fredericksburg area. sPower will work with VDOT representatives to identify lots with excess capacity.*

*- **Private Parking Lots** – Private parking lots with excess capacity during regular business hours may be considered for agreements for temporary parking. Potential locations could include the Spotsylvania Town Center, local churches, or other commercial shopping centers.*

Based on the available off-site parking capacity, sPower and the contractor will identify one or more locations as hubs for employees to meet and utilize the encouraged ridesharing opportunities."

A quick review of parking areas within Spotsylvania County malls and industrial areas shows that there are more than enough parking spaces near the I95 corridor to accommodate the sPower workforce during construction. A number of these malls and industrial areas are vacant or underutilized. Their owners would undoubtedly welcome the opportunity to block off a portion of the lots, in exchange for a fee, to accommodate sPower workers during the construction phase.

For example, the parking lot in the Spotsylvania Towne Centre between Macy's and Paragon Village is underutilized with the possible exception of Black Friday and the weeks around Christmas. The areas marked off **in red** below could easily accommodate 300 to 350 vehicles.



Similarly, the Massaponax Outlet Center suffers from lack of tenants. Thus, their parking lot is rarely utilized. The marked off areas **in red** could accommodate 100 to 150 vehicles.



Other similar spaces are available elsewhere in Spotsylvania County.

Using these mall and industrial areas would 1) allow the carpooling of construction workers, 2) give a boost to the mall and industrial area owners by charging a fee to cordon off the areas for this purpose and, finally, 3) reduce the amount of traffic congestion along the already congested Orange Plank and West Catharpin Roads.

This simple alternative allows sufficient off-site parking for the sPower workforce during construction. Keep the shuttling of construction workforce at seventy percent (70%).

Respectfully,
Mike Mikolosko
Livingston District resident

--
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Donna Mayfield

From: Mike Mikolosko <redredfox@verizon.net>
Sent: Monday, March 18, 2019 6:00 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: Deny sPower

Supervisors:

Why should you approve SUPs that require unenforceable promises because the SUPs cannot stand on their own merits?

Deny the sPower SUPs.

Respectfully,
Mike Mikolosko
Livingston District resident

--

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Donna Mayfield

From: Paulina Mongold <p.mongold89@gmail.com>
Sent: Monday, March 18, 2019 6:07 PM
To: Aimee Mann; Thomas G. Benton; Paul D. Trampe; Chris Yakabouski; Timothy J. McLaughlin; David Ross; Gary Skinner; Kevin Marshall
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

The solar plant does not belong in Spotsylvania county. Due to many unknowns and risks this project carries, I believe it should never be placed in any residential or highly populated areas.

I ask you to deny sPower.

Paulina Mongold
Stonewall Estates resident

Sent from my iPhone

--

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Donna Mayfield

From: Jennifer Moran <jenl1113@hotmail.com>
Sent: Monday, March 18, 2019 8:29 PM
To: Paul D. Trampe; Gary Skinner; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save Spotsylvania County: DENY sPower

Hello,

We are residents of the Livingston District. As demonstrated, there is **NO** material benefit to Spotsylvania from the sPower plant. There is only risk. Protect our children, wildlife and long term health and welfare!!

I urge you to **DENY** sPower!

Jennifer and Lafayette Moran

Livingston District

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--

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Donna Mayfield

From: Tea Snob <tea.snob@icloud.com>
Sent: Monday, March 18, 2019 6:10 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY \$ Power

Please save the beauty and integrity of our county. DENY \$Power.

Lori Moreno
Livingston District

--

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Donna Mayfield

From: Elaine Morgan <elesu@verizon.net>
Sent: Tuesday, March 19, 2019 9:34 AM
To: Paul D. Trampe; Gary Skinner; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: DENY S-POWER

I am a Salem District resident and STRONGLY urge that this no longer be considered!

My nephew's home backs up to this monstrosity and there is no value in this to his family, his home value or his life style!

Elaine Morgan

--

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Donna Mayfield

From: ron morris <Rmorris45@comcast.net>
Sent: Monday, March 18, 2019 5:43 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: vote no to sPower

I am a resident of the Livingston District and a very, very Concerned Citizen of Spotsylvania County.

I have been active trying to understand why there is any support towards the sPower plant project, especially when there are no apparent benefits forthcoming to our beautiful county and its people, which the BOS were elected to represent. My research comes back to the same question, "THEN WHY"? If you are in favor of the solar plant project, help all of the county residents know the answer to my question before you cast your vote.

I ask that you please VOTE NO to this solar plant because the sPower plant and its plan are full of holes and represents a tremendous risk to everyone who lives in Spotsylvania.

Thank you,

Ron Morris
Rmorris45@comcast.net
973-610-8831 (cell)
840-412-0814 (home)

--

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Donna Mayfield

From: Diane B Morrison <dianebmorrison@gmail.com>
Sent: Monday, March 18, 2019 6:04 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Please Vote NO on SPower

SPower and the solar project is BAD for Spotsylvania. We moved to Spotsylvania to get away from the ugliness of what big business can do to a Community. Spotsylvania is a beautiful, historic and a unique spot in Virginia. My husband's Vietnam/Thailand Det 4 6922nd Security Wing has chosen Spotsylvania to hold their Annual Reunion due to its beautiful historic value to Veterans. They tour the area each year and would be horrified to see miles of solar panels instead of rolling hills and valleys.

Please DENY this project.

Diane B Morrison
6206 Gristmill Court
Spotsylvania, Virginia 22553

--

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Donna Mayfield

From: Diane B Morrison <dianebmorrison@gmail.com>
Sent: Tuesday, March 19, 2019 11:10 AM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Re: Please Vote NO on SPower

It has come to my attention that some Supervisors may vote according to what they want, not what their constituents desire. Please do not do this. Your constituents put their faith in you and trust that you will represent them. All the people of Spotsylvania need to believe that when they vote for you, you will represent them. When there is so little faith in politicians these days, I beg you to be honest and honorable and truly represent your constituents.

Please vote NO to the solar project.

On Mon, Mar 18, 2019, 6:03 PM Diane B Morrison <dianebmorrison@gmail.com> wrote:

SPower and the solar project is BAD for Spotsylvania. We moved to Spotsylvania to get away from the ugliness of what big business can do to a Community. Spotsylvania is a beautiful, historic and a unique spot in Virginia. My husband's Vietnam/Thailand Det 4 6922nd Security Wing has chosen Spotsylvania to hold their Annual Reunion due to its beautiful historic value to Veterans. They tour the area each year and would be horrified to see miles of solar panels instead of rolling hills and valleys.

Please DENY this project.

Diane B Morrison
6206 Gristmill Court
Spotsylvania, Virginia 22553

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Charmaine Mueller <chargm@aol.com>
Sent: Monday, March 18, 2019 6:10 PM
To: Thomas G. Benton; Kevin Marshall; David Ross; Gary Skinner; Chris Yakabouski; Timothy J. McLaughlin; Paul D. Trampe
Cc: Mark Taylor; Wanda Parrish
Subject: SAVE our County! DENY sPOWER!

Save our COUNTY!

I am a resident of the Livingston District and being a "Guinea Pig" for the state of Virginia has no appeal to me nor my family.

You have been given numerous reasons to DENY this application from this solar LLC(s). I urge you to vote "no" and deny these special use permits.

Charmaine Mueller

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Lizzie Mueller <lizziem1100@gmail.com>
Sent: Monday, March 18, 2019 6:10 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner
Cc: Mark Taylor; Wanda Parrish; concernedcitizensspotsylvania@gmail.com
Subject: Save our County:DENY sPOWER

I am a resident of the Livingston District. After hearing the information about sPower and their proposed project, I see there is not a benefit to Spotsylvania from the sPower solar plant. There is only a large risk and lost tax revenues.

Please vote NO and DENY sPower

Elizabeth Mueller
Livingston District

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Margaret Martinez <jmartinez703@aol.com>
Sent: Tuesday, March 19, 2019 11:16 AM
To: Thomas G. Benton; Aimee Mann; David Ross;
concernedcitizensspotsylvania@gmail.com; Concerned Citizen; Kevin Marshall; Chris Yakabouski; Timothy J. McLaughlin; Paul D. Trampe; gskinner@spotsylvania.com;
Wanda Parrish
Subject: Save SPOTSYLVANIA: DENY sPower

Your Integrity and responsibility are at stake: DENY sPOWER because it is too massive for our residential area.

A non-Fawn Lake Citizen!

Dr Michael & Margaret Woolfrey Olichney

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Margaret Martinez <jmartinez703@aol.com>
Sent: Tuesday, March 19, 2019 11:16 AM
To: Thomas G. Benton; Aimee Mann; David Ross;
concernedcitizensspotsylvania@gmail.com; Concerned Citizen; Kevin Marshall; Chris Yakabouski; Timothy J. McLaughlin; Paul D. Trampe; gskinner@spotsylvania.com;
Wanda Parrish
Subject: Save SPOTSYLVANIA: DENY sPower

Your Integrity and responsibility are at stake: DENY sPOWER because it is too massive for our residential area.

A non-Fawn Lake Citizen!

Dr Michael & Margaret Woolfrey Olichney

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Gyles Norwood (gnorwood) <gnorwood@umw.edu>
Sent: Monday, March 18, 2019 6:28 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor
Subject: sPower application

As a Spotsylvania citizen and a U.S. taxpayer, I implore you to deny the applications for the proposed solar farm. The size alone dictates that it be built in an uninhabited area, as are existing solar projects. I have seen the wind power on Chinese mountains, and they are far from human habitation. There are too many risks at stake, including possible liabilities from a PG&E bankruptcy.

It is my understanding that solar power is more expensive than wind, and both are more costly than fossil fuel power in today's technologies - that is without taxpayer subsidies in the form of corporate tax credits. The time for solar power will come as technology improves efficiencies and economies. That time is not now, and certainly not in Spotsylvania.

Respectfully,
Gyles R. Norwood

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Michael <obierplumbing@yahoo.com>
Sent: Tuesday, March 19, 2019 8:11 AM
To: Paul D. Trampe; Wanda Parrish; Thomas G. Benton; Aimee Mann; Paulette Mann
Subject: Fwd: Heat 9798
Attachments: Guthrie_Report.PDF

Sent from my iPad

Begin forwarded message:

From: Michael <obierplumbing@yahoo.com>
Date: March 18, 2019 at 12:01:17 PM EDT
To: BOS@spotsylvania.va.us
Subject: Fwd: Heat 9798

Please read numbers 97-98 on buffers
States should be as high as highest panel
Should be at least 6 trees deep
This is at a distance of 162' anything closer has to have a more dense tree buffer
Michael OBIER

Sent from my iPad

Begin forwarded message:

From: Michael <obierplumbing@yahoo.com>
Date: March 18, 2019 at 11:31:08 AM EDT
To: obierplumbing@yahoo.com
Subject: Heat 9798

http://greaterhepparton.com.au/assets/files/documents/planning/solar/Guthrie_Report.PDF

Sent from my iPad

Donna Mayfield

From: Leanne Offner <lealea02@yahoo.com>
Sent: Monday, March 18, 2019 6:01 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our County: Deny sPower

I am a resident of the LIVINGSTON district. As has been demonstrated, there is NO benefit to Spotsylvania from the sPower solar plant. There is only risk and lost tax revenue.
sPower already stated they don't know what is involved with decommissioning panels because they have never done it!
Don't let our County be the guinea pigs!

I urge you to DENY sPower!

Leanne Offner
Livingston District

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Margaret Martinez <jmartinez703@aol.com>
Sent: Tuesday, March 19, 2019 11:16 AM
To: Thomas G. Benton; Aimee Mann; David Ross;
concernedcitizensspotsylvania@gmail.com; Concerned Citizen; Kevin Marshall; Chris Yakabouski; Timothy J. McLaughlin; Paul D. Trampe; gskinner@spotsylvania.com;
Wanda Parrish
Subject: Save SPOTSYLVANIA: DENY sPower

Your Integrity and responsibility are at stake: DENY sPOWER because it is too massive for our residential area.

A non-Fawn Lake Citizen!

Dr Michael & Margaret Woolfrey Olichney

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Magge <jmartinez703@aol.com>
Sent: Monday, March 18, 2019 11:17 PM
To: David Ross; Aimee Mann; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com; ConcernedCitizensFawnLake@gmail.com
Subject: Protect Spotsylvania County: DENY sPower Applications

Each of you live in Spotsylvania and will place your children, your family and each of us at risk of serious health issues if you do not deny sPower rezoning applications. You have been briefed extensively on the dangers of cadimum-telluride; it does not take a rocket scientist to understand the risks. Honor your oath to protect and defend; VOTE NO!

Dr Michael & Margaret Woolfrey Olchney

Sent from [Mail](#) for Windows 10

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Margaret Martinez <jmartinez703@aol.com>
Sent: Tuesday, March 19, 2019 11:16 AM
To: Thomas G. Benton; Aimee Mann; David Ross;
concernedcitizensspotsylvania@gmail.com; Concerned Citizen; Kevin Marshall; Chris Yakabouski; Timothy J. McLaughlin; Paul D. Trampe; gskinner@spotsylvania.com;
Wanda Parrish
Subject: Save SPOTSYLVANIA: DENY sPower

Your Integrity and responsibility are at stake: DENY sPOWER because it is too massive for our residential area.

A non-Fawn Lake Citizen!

Dr Michael & Margaret Woolfrey Olichney

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Sabrina Oneal <saoneal571@gmail.com>
Sent: Monday, March 18, 2019 10:23 PM
To: Paul D. Trampe; Gary Skinner; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross
Subject: Deny sPower (Not good for Spotsy)

Hello,

I'm a resident of the Livingston District. There is **NO** Benefits to Spotsylvania from the sPower solar plant. It's a **Super Risk** with **NO** Reward for the county. **Vote NO** and **Save the County** from lost revenue.

I urge you to **DENY sPower**.

Thanks,
Sabrina O'Neal

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Sherry <slynron@aol.com>
Sent: Monday, March 18, 2019 6:44 PM
To: Wanda Parrish
Subject: Fwd: Deny S Power

Sent from my iPhone

Begin forwarded message:

From: Sherry <slynron@aol.com>
Date: March 18, 2019 at 6:39:49 PM EDT
To: kmarshall@spotsylvania.va.us, cyakabouski@spotsylvania.va.us,
PTrampe@spotsylvania.va.us, McLaughlinTJ@spotsylvania.va.us,
David.Ross@spotsylvania.va.us
Subject: Fwd: Deny S Power

Sent from my iPhone

Begin forwarded message:

From: Sherry <slynron@aol.com>
Date: March 18, 2019 at 6:34:48 PM EDT
To: TBenton@spotsylvania.va.us
Subject: Deny S Power

Board of supervisors

Please DENY SPower , I have 5 years left on my mortgage and would like to leave this land to my children. If approved , I will be looking into other options, I don't want them to have to deal with the clean up ,of this monster literally in there back yard . Please consider our children's future.

Thank you

Sherry Oswald

Sent from my iPhone

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Jeremy Parrish <ryyder979@gmail.com>
Sent: Monday, March 18, 2019 9:33 PM
To: Aimee Mann; Paul D. Trampe; Gary Skinner; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

My family lives only a few miles away from this proposed nightmare. We DO NOT WANT to be forced to live next to this hazardous eye sore that serves no benefit to our county or community. Just NO!

Jeremy, Brandi, and Isla Parrish
Lake Wilderness

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: William Parsons <williambparsons@hotmail.com>
Sent: Tuesday, March 19, 2019 8:27 AM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner
Cc: Mark Taylor; Wanda Parrish
Subject: Please do not approve sPower SUP's @ Free Lance-Star Editorial - Solar project is too big for Spotsylvania !
Attachments: FLS Solar Editorial.pdf

Spotsylvania Board of Supervisors,

The Free Lance-Star Editorial (3/18/19) discusses and summarizes the sPower solar plant project for Spotsylvania and concludes that it is just too big !

We understand that some of the issues/concerns being presented are black and white and some are gray, but one concern that is clearly obvious to the Planning Commission and the Free Lance Star is that this "Solar project is too big for Spotsylvania".

This issue is not a Fawn Lake issue as some want to infer...this is a Spotsylvania County issue.

Please deny these three SUP's or vote in alignment with the Commissioners for the smallest site...to demonstrate "proof of concept".

Respectfully,

William and Mary Parsons
Livingston District

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Mark Peterson <markapeterson1958@gmail.com>
Sent: Monday, March 18, 2019 6:34 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our County: DENY sPower!

When I addressed this with my church small group (6 couples), no one was aware of the Solar Panel Industrial Complex proposed to be built in the county. I showed them pictures of the trees that were cleared and the size of the complex and all were immediately against this project mainly thinking that it is too close to residential areas and that it would take away from the rural look of the county.

I urge you to DENY sPower!

Mark Peterson

Livingston District

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: gbracing18@aol.com
Sent: Monday, March 18, 2019 6:29 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our County: DENY sPower!

A facility of this size and magnitude has no business being built in this area. SPower continues to subject the citizens of this county to false ads and misleading survey data. It appears that sPower's promises and vision change every other day, making this project too good to be true.

I urge you to DENY sPower!

Georgette Peterson

Livingston District

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Katherine Philipp <katherine_philipp@yahoo.com>
Sent: Monday, March 18, 2019 9:30 PM
To: Wanda Parrish
Subject: Please Vote NO on SUP

As a resident of the Livingston district, I urge you to vote NO on sPower's proposal to bring this huge solar project to our county. It's just too big, and no benefit to our citizens.

Thank you for your service, and for considering my request.

Katherine Philipp
Spotsylvania VA

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Margie Pierce <mc pierce6@gmail.com>
Sent: Monday, March 18, 2019 5:58 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; PTrampe@spostylvania.va.us; Wanda Parrish; Gary Skinner; concernedcitizensspotsylvania@gmail.com; Mark Taylor
Subject: Deny sPower

I am a resident of the LIVINGSTON District and have attended the meetings. I have not seen any benefit to having sPower in Spotsylvania but have seen many negative concerns and risks.

I urge you to vote NO to sPower.

Thank you,
Margie Pierce
Livingston District

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Joseph Pierce <jppierce65@gmail.com>
Sent: Monday, March 18, 2019 5:36 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

As you have heard many times by now, there will be no benefit to Spotsylvania County from the sPower solar farm. There will however, be lost revenues and risks in different ways. I am a resident of the LIVINGSTON District.

I urge you to deny sPower

Joseph Pierce
LIVINGSTON District

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: MELVIN PIFER <melvinandsandy@verizon.net>
Sent: Tuesday, March 19, 2019 10:21 AM
To: Paul D. Trampe; Gary Skinner; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

We are residents of the Courtland district.

We oppose the proposed SPower solar project that is being proposed for Spotsylvania County. Nothing in this project will be a long term benefit of the residents of Spotsylvania. So few long term Jobs that should not be in the discussions. Tax's,, I say the county will lose tax revenue by restricting growth on ten (10) square miles of the county and the decrease in property values.

Please vote NO to this project.

Melvin and Sandra Pifer
Courtland District

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: mpifer2892@gmail.com
Sent: Monday, March 18, 2019 8:39 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

To all,

This is NOT a good thing for the county. It's too BIG and still too many unknowns.

The facts have been presented to you. I have lived in this county my whole life and continue to raise my family here. I hunted this property for many many years and to see it where it is now is sad. Keep this beautiful county just that BEAUTIFUL! Not 6,000 acres of eye sore solar panels

JUST SAY NO!!! We the voters will remember who you stood with! Us tax payers or out of town special interest groups.

Sincerely,

Michael & Nina Pifer
6204 Massaponax Drive

Sent from my iPhone

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: fplati@comcast.net
Sent: Monday, March 18, 2019 10:58 PM
To: Paul D. Trampe; Gary Skinner; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save Our County: DENY sPower

We area residents of the Livingston District. An enormous amount of well-researched, factual information regarding the negative impacts of locating a commercial solar plant of unprecedented size in the middle of a residential area has been presented to the Board. The long-term detrimental effects to neighboring residents and the environment are unknown because comparable installations have never been done. Please don't make the residents of the Livingston District guinea pigs for sPower.

We urge you to DENY sPower.

Francis G. and Andrea F. Plati
Livingston District

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Lisa Pleban <lpleban@rpigroupinc.com>
Sent: Monday, March 18, 2019 6:27 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save Our County: Deny SPower

A solar power plant of this size does not belong in our county near any neighborhoods. We don't want this in our back yard for the next 30 years, or in anyone's back yard. Please DENY sPower.

Lisa M. Pleban
CFO



11903 Bowman Drive, Suite 101
Fredericksburg, VA 22408

Office: [\(540\) 898-8700](tel:(540)898-8700)

Fax: [\(540\) 627-6601](tel:(540)627-6601)

[Website](#) | [LinkedIn](#) | [Facebook](#) | [Twitter](#)



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--

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Donna Mayfield

From: F Polk <f.polk88@outlook.com>
Sent: Tuesday, March 19, 2019 6:46 AM
To: Thomas G. Benton; Chris Yakabowski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor
Subject: DENY sPower

I am a resident of the Livingston district, and an (unpaid!) opponent of the proposed sPower solar plant. I have attended the many PC and BOS meetings (without benefit of free pizza or a t-shirt), read the voluminous research provided by the (unpaid!) Concerned Citizens of Spotsylvania, and concluded that there are MANY compelling reasons to deny this project in its entirety. The one item that particularly boggles my mind is that 50-100' setbacks, or even 350' setbacks, are being considered acceptable when it has been shown that the next 10 largest solar plants in the country are MILES from residential areas, with the nearest being over 12,000 feet (and that one is next to a prison)!

Solar power has its place in the effort to reduce our dependence on fossil fuels, but a 6500-acre plant in the midst of an historical, residential area prone to strong windstorms and micro-burst tornadoes (at least 2 in Fawn Lake in the 3 years I've lived here) is not that place. And sPower, with its shady, even libelous, strong-arm tactics, is not the right partner. The preponderance of evidence shows that this project will do serious financial and environmental harm to our county. Please, do the right thing for your constituents and DENY the sPower SUP application!

Sincerely,

Ferne Polk

Livingston District Resident

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Diana Proctor <dpsdream@comcast.net>
Sent: Monday, March 18, 2019 6:37 PM
To: Paul D. Trampe; Gary Skinner; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross
Cc: Wanda Parrish; concernedcitizensspotsylvania@gmail.com; Mark Taylor
Subject: No to sPower

Do not give in to sPower.

We have lived in the Livingston district for 20 years. I am afraid of what this huge change to our county will bring. It should not be about anything but protecting our communities.

Thank you

Sent from my iPhone

Diana Proctor

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: tpruitt829@aol.com
Sent: Monday, March 18, 2019 7:27 PM
To: Wanda Parrish
Subject: Fwd: "Save our county: DENY spower"

As a concerned home owner in Spotsylvania County, I have read all I could find on s power solar. Finding nothing positive about s power in my reading. S power will bring nothing but destruction to our county. Destroying natural resources, the solar panels bringing contamination to our land, noise.....spreading for miles with the humming, clicks, because there won't be trees or anything to buffer the sound....trees are gone... VOTE NO to s power. Frances L Pruitt

Reply Reply All Forward
399 Messages



Macys.com

[Shop Macy's Clearance Suiting Event : Step up your style and save during Macy's Clearance Suiting Event. Shop Macys.com for 70-85% off select styles.](#)

[AD](#)

To	Subject	Date
[]	Fwd: "Save our county: DENY spower" : -----Original Message----- From: tpruitt829 <tpruitt829@aol.com> To: gbenton <gbenton@spotsylvania.va.us> Sent: Mon, Mar 18, 2019 7:07 pm Subject: "Save our county: DENY spower" As a concerned home owner in Spotsylvania County, I have read all I could find on s power solar. Finding nothing positive about s power in my reading. S power will bring nothing but destruction to our county. Destroying natural resources, the solar panels bringing contamination to our land, noise.....spreading for miles with the humming, clicks,	7:14 pm

Mclaughlintj@Spotsylvania.va.us

	because there won't be trees or anything to buffer the sound....trees are gone... VOTE NO to s power. Frances L Pruitt	
cyakabouski@Spotsylvania.va.us	Fwd: "Save our county: DENY spower" : As a concerned home owner in Spotsylvania County, I have read all I could find on s power solar. Finding nothing positive about s power in my reading. S power will bring nothing but destruction to our county. Destroying natural resources, the solar panels bringing contamination to our land, noise.....spreading for miles with the humming, clicks, because there won't be trees or anything to buffer the sound....trees are gone... VOTE NO to s power. Frances L Pruitt	7:10 pm
gbenton@spotsylvania.va.us	"Save our county: DENY spower" : As a concerned home owner in Spotsylvania County, I have read all I could find on s power solar. Finding nothing positive about s power in my reading. S power will bring nothing but destruction to our county. Destroying natural resources, the solar panels bringing contamination to our land, noise.....spreading for miles with the humming, clicks, because there won't be trees or anything to buffer the sound....trees are gone... VOTE NO to s power. Frances L Pruitt	7:07 pm
tpruitt829@aol.com	Obituary Listing : Obituary posted for James Fuller. See https://goo.gl/5LhuvZ Sent from my iPhone	Feb 18
receptionist@pafred.com	UNSUBSCRIBE : My appointment for the 10th of January was changed today by your office. Told me doctor would not be in office. Appointment was changed to 15 January at 2:40 PM. Thank you. Frances L Pruitt Sent from my iPhone	Jan 8
ivey.brisar@yahoo.com	gift card : Thank you for my gift card.....I'm sure I will find something I like and use it soon at Home Goods. I appreciate your thoughtfulness and again thank you so much...Me	12/30/2018
info@tedsherwindds.com	canceling appointment for Dec. 10, 2018 Monday 10 AM : Hi, I wanted to let you know that I need to cancel my long awaited appointment. The snow and not being able to get a shoe wet that is worn for a broken bone in my foot and the weakness I have on the other leg makes it dangerous for me to be out on a slick surface or a wet surface. I will call you later on Monday to reschedule. I am sorry for the short notice.....isn't what I want. Francesnt from Mail for Windows 10	12/11/2018
tpruitt829@msn.com	Fwd: Frances sent you printing information about an Amazon.com return : Sent from my iPhone Begin forwarded message: From: "Frances L. Pruitt" <no-reply@amazon.com> Date: September 9, 2018 at 4:49:25 PM EDT To: "Tpruitt829@aol.com" <Tpruitt829@aol.com> Subject: Frances sent you printing information about an Amazon.com return Reply-To: "tpruitt829@aol.com" <tpruitt829@aol.com> Frances sent you printing information about an Amazon.com return " Please print this return label for me. Thanks! " View & Print This label can be printed until Sep 16, 2018 © 2013 Amazon.com, Inc. or its affiliates. All rights reserved. Amazon, Amazon.com, the Amazon.com logo, and 1-Click are registered trademarks of	9/11/2018

Amazon.com, Inc. or its affiliates. Amazon.com, 410 Terry Avenue N., Seattle, WA 98109-5210. Please note that this message was sent to the following e-mail address: Tpruitt829@aol.com. Frances L. Pruitt requested that we send this e-mail. If you have questions about Amazon.com, please visit our Help Department. If you're unable to view the label, contact Frances so that they can resend.

I Didn't Have Sex With My Husband for Five Months and He Had an Affair : I thought you would be interested in this story I found on tpruitt829@aol.com MSN: I Didn't Have Sex With My Husband for Five Months and He Had an Affair <http://a.msn.com/0E/en-us/BBMFENw?ocid=se> Sent from Mail for Windows 10 9/2/2018

info@thescenteroftown.com (No subject) : Sent from Mail for Windows 10 8/5/2018

Unhappy with your company : Hello, my name is Frances Pruitt. I live in Spotsylvania, VA 22551. I started a contract with a local terminix in Fredericksburg, VA around June 20, 2018. Service man was to be her on Friday June 22, 2018. I stayed home all day with time being from 1 to 4 PM for service. I stayed until 5 PM. The service tec did not show up. But I was told he did and they send in for payment from my on file credit card. I have made numerous call to local termiinx About 10 in all and was told each time the local branch manager would call me....all I wanted was the charge taken off my credit card and to cancel a contract that was not carried out. I live in a gated community and the gate has records of coming in arrivals of work related people. So there is record that tec did not come into development. I got word that my contract has been canceled at my request but not mention of charge taken off my credit card. I would appreciate your help in this since the branch manager Nicholas Link doesn't seem to get messages from my call in or is on vacation with no one to take his place or he just doesn't care....but whatever the reason....please help me get this resolved...I would appreciate your intervention in this matter. Thank you. Frances L. Pruitt, 11401 Osprey Trail, Spotsylvania, VA 22551 and phone 703-795-5558. Sent from Mail for Windows 10 7/10/2018

Re: Lot 1257 Fawn Lake Furnace Room Smell, Front porch Windows and Snow Angels for Metal Roof : That would be fine to call me and set up an appointment to do the corrected plumbing. As for the snow angels I can understand somewhat. But as for the black painted from inside a wall on my front porch window, that is peeling from inside and showing insulation from outside I don't understand nor accept. So I will consider that issue as still and open subject to address. I appreciate the plumbing repair. Will await your call for plumbing repair appointment. Frances Sent from my iPhone

Steven Byrd 7/9/2018

Fwd: Halley Nickolas Clodfelter wants you to see this item at Amazon.com : Sent from my iPhone Begin forwarded message:

Ted Pruitt 7/1/2018

tpruitt829@aol.com IMG_8889.jpeg Toyota Prius : Sent from my iPhone 4/23/2018

Re: Praying : Hi Carole, thank you. Have been told my car is most likely totaled. Thank God we weren't hurt. Wasn't mentally prepared for buying a new car but I feel sure God already has the right car ready for me. I just wait upon His guidances and direction. It seems Satini is working overtime in trying to break me but God makes me strong

Carole Correll 4/9/2018

	<p>through Him. So I am content. I appreciate your reaching out to me. God bless all you ladies who pray. It has been such a blessing to be part of this group. Thank you. Frances Sent from my iPhone > On Apr 9, 2018, at 11:52 AM, Carole Correll <cjcorrell45@gmail.com> wrote: > > Dear Francis, > Shelva told me you were in an accident! > I am praying continued healing and peace! > Stay strong! God is on your side! Do not be discouraged! Greater is Christ who has overcome! > Love, Carole > □ > > Sent from my iPhone</p>	
Ted Pruitt	<p>Re: First Discussion with Angela : Thanks for the update. Sent from my iPhone</p>	4/7/2018
Ted Pruitt	<p>Re: R U OK?? : I'm fine. Don't know why phone wouldn't ring. I have texted with Ivey and Rachel off and on today. Just got a text from Angela but it was a picture no words. You Sent from my iPhone On Mar 21, 2018, at 1:39 PM, Ted Pruitt <tpruitt829@msn.com> wrote: Angela and I have been trying to get in contact with you and your phone goes directly to voicemail. Ted</p>	3/21/2018
Carole Correll	<p>Re: Thinking of you! : Thank you Carole. I feel ok but having some pain from being too active doc says. Have appointment tomorrow to check it out. But I have a family issue that kept me home yesterday. Please pray for my daughter. She needs prayer. Thank you so much. Frances Sent from my iPhone > On Mar 12, 2018, at 5:37 PM, Carole Correll <cjcorrell45@gmail.com> wrote: > > Dear Francis, ✨ > I know you wanted to be at Bible Study today! > We missed you but know you are needing time to heal! > Let me know if there is anything we can do to help you! > We continue to pray for your recovery! > Be blessed! > Love to you! > Carole > > Sent from my iPhone</p>	3/12/2018
Carole Correll	<p>Re: Checking in! : Hi Carole, thank you again for checking up on me. It warms my heart knowing I have a group of women who are continuing to pray for my recovery. I am feeling a little better. Have been pushing myself with getting up and out when it's a nice day. I hope I will be able to come to bible study this coming Monday. God bless all the Bible study ladies and their prayers. 🙏 hope to be back soon. Frances Sent from my iPhone > On Mar 6, 2018, at 9:48 AM, Carole Correll <cjcorrell45@gmail.com> wrote: > > Dear Francis, > Thinking of you and hoping you are doing better and better! > I sent Study notes for chapter 10 and I hope you got them on your email! Please let me know if you did not! Thanks! > I know you are unable to come to the Bible Study but I want you to feel like you are with us! > Have a blessed week of continued healing! > Hugs □ > Carole > > Sent from my iPhone</p>	3/6/2018
Carole Correll	<p>Re: Thinking of you! ✨ : Hi Carole, thank you for checking on me. It is going along good one day and not the next. Eating is a big issue. So appreciate the prayers of all the ladies. Thank you so much. I know God is in control so I wait upon Him for guidance and direction and comfort. Frances Sent from my iPhone > On Feb 21, 2018, at 5:32 PM, Carole Correll <cjcorrell45@gmail.com> wrote: > > Francis! 🌹 > I hope all is well! I know the healing process can be hard! I am praying 🙏 that you will find comfort in knowing we are all thinking of you and praying. My prayer is that God's healing will be quick! > Love to you! 😊 > Carole > > Sent from my iPhone</p>	2/22/2018

	Re: Delivery update : Thank you for the update. I was wondering what Holly Spaulding happened. Had surgery so have been out of sorts. But appreciate the update. Frances pruit Sent from my iPhone	2/22/2018
	Re: How are you doing? : Yes that's fine to share. Thank you Carole. Sent from my iPhone > On Feb 16, 2018, at 1:32 PM, Carole Correll <cjcorrell45@gmail.com> wrote: > > Francis, praise be to our God! > So glad you are doing OK! > May I share your report with the Blue Group Ladies? > > Sent from my iPhone > >> On Feb 16, 2018, at 1:19 PM, Frances Pruitt <tpruitt829@aol.com> wrote: >> >> I am doing ok. Thank you for checking up on me. My daughter is staying with me a few days. I am very sore but have meds to help with that issue. God is good, He brought me through and is still taking care of me. I am getting use to my liquid diet. Isn't to bad yet because I don't feel like eating yet. I appreciate the prayers that have made this surgery easier than expected. Would love continued prayers. Thank you again. Frances >> >> Sent from my iPhone >> >>> On Feb 15, 2018, at 4:49 PM, Carole Correll <cjcorrell45@gmail.com> wrote: >>> >>> Dear Francis, ✝ >>> I have been praying for you and hoping you are better after surgery! I know this can be hard but I know we have people praying! >>> If there is anything we can do to help you please let us know! Our Blue Group would like to help! >>> Holding you in prayer! 🙏 >>> Carole >>> Sent from my iPhone >>	2/16/2018
Carole Correll	Re: How are you doing? : I am doing ok. Thank you for checking up on me. My daughter is staying with me a few days. I am very sore but have meds to help with that issue. God is good, He brought me through and is still taking care of me. I am getting use to my liquid diet. Isn't to bad yet because I don't feel like eating yet. I appreciate the prayers that have made this surgery easier than expected. Would love continued prayers. Thank you again. Frances Sent from my iPhone > On Feb 15, 2018, at 4:49 PM, Carole Correll <cjcorrell45@gmail.com> wrote: > > Dear Francis, ✝ > I have been praying for you and hoping you are better after surgery! I know this can be hard but I know we have people praying! > If there is anything we can do to help you please let us know! Our Blue Group would like to help! > Holding you in prayer! 🙏 > Carole > Sent from my iPhone	2/16/2018
	Import Report for Cheat Master v6.0.1 (iPhone9,1) support@groomlakedevelopment.com(g667) (iOS 11.2.2) (us) : I'm getting an import error when I scan my board.	2/4/2018
	tpruitt829@aol.com Video of Silas playing in sink. : Sent from my iPhone	1/13/2018

-----Original Message-----

From: tpruitt829 <tpruitt829@aol.com>

To: gbenton <gbenton@spotsylvania.va.us>

Sent: Mon, Mar 18, 2019 7:07 pm

Subject: "Save our county: DENY spower"

As a concerned home owner in Spotsylvania County, I have read all I could find on s power solar. Finding nothing positive about s power in my reading. S power will bring nothing but destruction to our county. Destroying natural resources, the solar panels bringing contamination to our land, noise.....spreading for miles with the humming, clicks, because there won't be trees or anything to buffer the sound....trees are gone... VOTE NO to s power. Frances L Pruitt

Donna Mayfield

From: Janet <janquad@verizon.net>
Sent: Monday, March 18, 2019 6:03 PM
To: Thomas G. Benton; Timothy J. McLaughlin; David Ross; Mark Taylor; Chris Yakabouski; Paul D. Trampe; Gary Skinner; Wanda Parrish
Subject: Save our county: DENY sPower
Importance: High

Dear Supervisor,

I am a Livingston district resident and I am adamantly opposed to the proposed sPower Solar Utility SUP. It would be a grave mistake to approve such a massive, potentially harmful project in the midst of our beautiful rural county. Any possible benefits are outweighed by the risk of harm to health, environment and economy of Spotsylvania County. Please listen to your constituents and not to the invasive corporate outsiders whose interests are purely financial, and not aligned with our county's long term well being and vision. Please *DENY* all sPower SUP applications!!!

Janet Quaderer

--

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Donna Mayfield

From: Amber Quann <lularoeamberquann@gmail.com>
Sent: Monday, March 18, 2019 6:04 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our County- Deny sPower

My family and I reside in the Livingston district and we are firmly against this project in all aspects. There are too many unknowns and it's too large-scale of a project for a residential area.

Amber Quann
Livingston District

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Donna Mayfield

From: Carolyn Quann <cquann2013@gmail.com>
Sent: Monday, March 18, 2019 6:04 PM
To: Chris Yakabouski; David Ross; Thomas G. Benton; Kevin Marshall; Paul D. Trampe; TMcLaughlin@spotsylvania.va.us; Gary Skinner; Wanda Parrish
Subject: SPower SUP's

I am a lifelong resident of Livingston District and I am asking that you vote NO to all 3 SUP's for SPower. This project is too large and does not belong on Agricultural zoned Property.

--

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Donna Mayfield

From: ROBERT BAUERS <rbauers@comcast.net>
Sent: Tuesday, March 19, 2019 2:21 PM
Cc: Mark Taylor; Wanda Parrish; concernedcitizensspotsylvania@gmail.com
Subject: Please vote what your constitutes ask of you

As elected officials of Spotsylvania County, please vote for what the people that put you into office ask of you.

Or next time they will vote for someone else.

Please vote no to sPower.

Robert Bauers

Livingston

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Richard Manthei <rdmanthei@aol.com>
Sent: Tuesday, March 19, 2019 12:06 PM
To: Thomas G. Benton
Cc: Paul D. Trampe; Gary Skinner; cyakabouski@sportsylvania.va.us; kmarmshall@sportsylvania.va.us; McLaughlinTJ@sportsylvania.va.us; David Ross; Wanda Parrish; Mtaylor@sportsylvania.va.us
Subject: DENY sPower's proposed solar farm

Dear Mr. Benton:

I am a resident of the Livingston District. It is interesting to note that San Bernardino County in California just recently voted to set aside one million acres or 1600 square miles of their county from the construction of solar farms that do not provide power to the local area. I ask you to consider the courageous action taken by the officials of San Bernardino in making your decision for what is desirable for Spotsylvania County. There is no benefit to Spotsylvania County from the sPower solar plant.
DENY sPower's proposal.

Thank you for all of the time and effort that has been put into this project.

Richard Manthei

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Donna Mayfield

From: Randy Royce <yroyce@comcast.net>
Sent: Tuesday, March 19, 2019 1:47 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner
Cc: concernedcitizensspotsylvania@gmail.com; Wanda Parrish; Mark Taylor
Subject: Save our County - DENY sPower

Sirs: I am a resident of LIVINGSTON district who in over 70 years have never corresponded formally with anyone on any matter of public policy. The effort to bring the massive sPower project to my backyard compels me to change that stance. Too much - too soon - too untried - too risky.

Ask yourself simply - if sPower is granted approval, would you recommend moving to Spotsylvania County to your children or grandchildren?

DENY sPower, preserve Spotsylvania County's character as a cradle of the Civil War.

VR

Randolph W. Royce
Livingston District

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Updated: April 1, 2019 @ 1:57 pm

Full Forecast



EDITORIAL: Solar project is too big for Spotsylvania

THE EDITORIAL PAGE STAFF OF THE FREE LANCE-STAR

Mar 18, 2019

AFTER meeting with both sides and reviewing reams of documents, we've determined that the rancorous year-long debate over a proposed 6,350-acre solar power plant that has pitted Concerned Citizens of Spotsylvania County, a small local grassroots group, against a large, out-of-state corporation comes down to this: the project is way too big for western Spotsylvania County, and there are too few benefits to county residents to offset this major deficiency.

Utah-based Sustainable Power Group (sPower) wants to turn 10 square miles of agriculturally-zoned land that was previously a tree farm into a forest of solar panels, making it the largest solar facility on the East Coast. The company's plan to shield this utility-sized power plant from view with trees and berms doesn't change the fact that it is massive in scale.

Too massive, in fact, for an agricultural zone that abuts a residential area. Which is why the county's Planning Commission recommended that sPower be given a special use permit to erect solar panels only on 245 acres, the smallest of its three connecting sites and also the one farthest away from homes.

Some objections to the 500-megawatt, \$615 million project, including nearby residents' fears that the proposed solar facility would cause major environmental and health problems during construction and its subsequent 30 years of operation, seem somewhat overblown, and more attributable to a Not In My Backyard attitude that is making it harder and harder to erect needed infrastructure pretty much anywhere.

Both sides have hired appraisers who disagree on what impact the solar farm would have on nearby home values, but it seems beyond dispute that solar panels would be quiet, undemanding neighbors. sPower has also committed to spending \$25 million in community upgrades, including replacing aging water pipes in Fawn Lake, although the company admits that these enticements are not legally enforceable.

But sPower's resistance to posting a cash bond or irrevocable letter of credit to protect Spotsylvania taxpayers from what could be an enormous cost of decommissioning and disposing of 1.8 million solar panels containing toxic cadmium telluride at the end of their useful lifespans if the project's multiple limited liability corporations skip out is troubling. So is its insistence that the supposed future recycling value of the spent panels three decades from now be included in its current decommissioning plan.

Related to the project's massive scale—in an area that is much closer to a residential area than most of the nation's solar facilities of its size—is the fact that sPower has already contracted to sell all of the electricity generated by the proposed Spotsylvania solar facility to power-guzzling tech giants Apple and Microsoft, as well as the University of Richmond.

Microsoft, which already has a data center in Loudoun County, is utilizing tax breaks and a \$1.5 million state grant to expand in Mecklenburg County. The expansion will add 100 more jobs, but they'll all be in Southside, not Spotsylvania.

sPower points to millions of dollars of increased tax revenues the land would generate as a solar plant instead of a tree farm, with no corresponding pressure on county services that a residential subdivision in that same location would create. But a tree farm and a suburban subdivision are not the only options there.

Dr. Dean Bellas of Alexandria-based Urban Analytics, who was hired by Concerned Citizens to analyze the economic impact of the proposed solar farm, noted that “under the sPower proposal, Spotsylvania County will receive declining tax revenues annually on a per-acre basis on an appreciating asset (real estate).”

Bellas concluded that “the forgone tax revenues to Spotsylvania County from alternative development scenarios are substantial... The County would also enjoy larger economic benefits (new jobs, new labor income, and the multiplier effect on the local economy) with less acreage needed.”

Bottom line: If Microsoft or Apple were building a new data center in Spotsylvania County and creating high-paying jobs there, a good case could be made for building such a large solar facility alongside to power it. But that's not the case. All of the electricity produced, and most of the jobs the project will support after a brief construction period, will be elsewhere.

Even under a best-case scenario with no adverse impacts on local residents, Spotsylvania County will forgo the possibility of more lucrative economic development in the area for a 30-year deal that will mostly benefit sPower and two of the largest corporations in the world. Property taxes and a \$25 million good-faith gesture are not enough to offset the potential loss of new jobs, future economic development and the increased tax revenue it would bring, and the loss of thousands of acres of agricultural land.

Solar power can and should be part of Virginia's energy mix, but this project is too big and offers too few benefits to the county. The Board of Supervisors should follow the Planning Commission's recommendation and grant sPower a special use permit only on the smallest of the three parcels.

fredericksburg.com

1340 Central Park Blvd, Suite 100

Fredericksburg, VA 22401

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Email: newsroom@fredericksburg.com

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Donna Mayfield

From: Rose <rosanne@rainvilleinsurance.com>
Sent: Wednesday, March 20, 2019 8:06 AM
To: Thomas G. Benton; Aimee Mann
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Solar Farm decommissioning/obsolescence

The conversation at last night's BOS meeting regarding decommissioning of the proposed solar farm focused on "what if" the solar farm is decommissioned, and sPower responded that so far they have not decommissioned any solar farms.

While they do not not foresee walking away from any of their current projects, the real possibility exists that **this technology may become *obsolete* 20-30 years from now**. That is reason enough to make sure there is an adequate surety bond or other provision to fully protect Spotsylvania for cleanup expenses.

Thank you for your consideration of this matter.

Rosanne Rainville
Spotsylvania Resident

Sent from my iPhone

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Donna Mayfield

From: Carol O. Rankin <rankin_mom@comcast.net>
Sent: Monday, March 18, 2019 11:16 PM
To: kmarshall@spotsylvania.va.us; Wanda Parrish
Subject: FW: DENY SPOWER - SAY NO TO SPOWER

From: Carol O. Rankin [mailto:rankin_mom@comcast.net]
Sent: Monday, March 18, 2019 11:13 PM
To: 'GBenton@spotsylvania.va.us'; 'cyakabouski@spotsylvania.va.us'; 'Kmarshall@spotsylvania.va.us'; 'McLaughlinTJ@spotsylvania.va.us'; 'David.Ross@spotsylvania.va.us'; 'PTrampe@spotsylvania.va.us'; 'gskinner@spotsylvania.va.us'; 'wparrish@spotsylvani.va.us'; 'Mtaylor@spotsylvania.va.us'; 'concernedcitizensspotsylvania@gmail.com'
Subject: DENY SPOWER - SAY NO TO SPOWER

My name is Carol Rankin and I live in Livingston District. Does Spotsylvania County want to do business with an LLC that has made many promises (are these promises in writing?) but can walk away from this project at any time and leave the citizens to clean up their mess and cost the tax payers money. We are a County rich in history where many tourists come and if this goes through, we will be known for the largest solar plant on the East Coast and not for its history. PLEASE VOTE NO TO SPOWER – THEY ARE THE ONLY ONES THAT WILL BENEFIT ALONG WITH THE MANY TAX CREDITS THAT AMAZON, MICROSOFT AND OTHER BUSINESSES WILL GET.

CAROL RANKIN
LIVINGSTON DISTRICT

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Donna Mayfield

From: Dan and Marley Richards <richards.family@comcast.net>
Sent: Tuesday, March 19, 2019 1:55 PM
To: Kevin Marshall; Thomas G. Benton; Chris Yakabouski; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner
Cc: concernedcitizensspotsylvania@gmail.com; Mark Taylor; Wanda Parrish
Subject: PLEASE! Protect your Spotsylvania citizens and county

We are residents of Spotsylvania county.

We **implore** you to please read today's **FreeLance-Star Editorial.**

This proposed massive solar project is just **too big** for our county!!!

Please deny the SUP's for sPower.

Marley and Dan Richards

--

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Donna Mayfield

From: Robert Roman <romanrf1980@gmail.com>
Sent: Monday, March 18, 2019 8:08 PM
To: Paul D. Trampe; Gary Skinner; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com; romanrf1980
Subject: Please say no to sPower in Spotsylvania

As voter in Spotsylvania, I oppose and development of sPower in our Historic County. I moved here from Fairfax County because I thought this area was different in so many ways: the people, the history, and the natural beauty.

It has been shown the sPower will take away the charm and uniqueness of our County. The panel you selected to review this issue for over a year agrees. Please keep sPower out of our County.

Many thanks,

Robert Roman

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Donna Mayfield

From: Susan Ball <susangball@hotmail.com>
Sent: Tuesday, March 19, 2019 8:59 AM
To: Paul D. Trampe; Gary Skinner; Thomas G. Benton; David Ross; Kevin Marshall; Timothy J. McLaughlin; Chris Yakabouski
Cc: Wanda Parrish
Subject: DENY sPOWER!!!!

You have a collective responsibility to DENY this Special Use Permit. This company has no business setting up a private utility power plant in this area at this magnitude and size.

You have the information you need and the power to move on this issue.

Your votes will be remembered. Do the responsible thing and DENY for your citizens and county.

**Susan Geddes Ball
Livingston District Voter**

Donna Mayfield

From: Gretchen Schach <gzsach@gmail.com>
Sent: Monday, March 18, 2019 10:23 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: DENY sPower

I am a resident of the LIVINGSTON District. I am very concerned about the fire departments reported difficulty in being able to contain a fire once started in this area. All homes and lives will be in jeopardy should a fire occur. I, among many others, will hold you personally responsible should any harm come to my home or family as a result of your approving sPower. Two lots that have been recently purchased on my street have been placed back on the market because the owners heard about the possibility of solar panels being so close. I am concerned about a decrease in property values in the area after recently having placed my life's savings into a home here. Please don't do this to the people you are supposed to represent- PLEASE vote not to sPower.

Gretchen Schach

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Donna Mayfield

From: Kevin Schiedel <kschiedel@yahoo.com>
Sent: Monday, March 18, 2019 7:07 PM
To: Thomas G. Benton; Chris Yakabouski; David Ross; Kevin Marshall; Timothy J. McLaughlin; Paul D. Trampe; Gary Skinner; Aimee Mann
Cc: Mark Taylor; Wanda Parrish; concernedcitizensspotsylvania@gmail.com
Subject: Save our County; DENY sPower SUPs

I am a resident in Livingston District. The declining revenue stream over 35+ years under the sPower proposal to the County is a reckless give-away.

Don't be seduced by sPower's \$25million future investment "commitment". If not contractually obligated and guaranteed with cash or bond by a date certain, we will never see it materialize.

DENY sPower SUPs. The County and taxpayers deserve BETTER.

Kevin C. Schiedel
LIVINGSTON DISTRICT

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This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Daniel Schmidt <dls1js75@gmail.com>
Sent: Monday, March 18, 2019 6:49 PM
To: Wanda Parrish
Subject: Fwd: Save our County: DENY sPower

Sent from my iPad

Begin forwarded message:

From: Daniel Schmidt <dls1js75@gmail.com>
Date: March 18, 2019 at 6:41:53 PM EDT
To: Gbenton@spotsylvania.va.us
Subject: Save our County: DENY sPower

We are citizens of the Livingston District.

Don't take bucolic Spotsylvania County, Civil War capital of America, and rebrand it "solar panel extravaganza" on the East coast. There are no short or long-term benefits to letting this happen. Environmentally, financially, aesthetically, and socially all point to a negative and downward spiral of how we live today and 35 years into the future. The risk is all ours - their risk legally and otherwise is nonexistent. Let's do the right thing by our citizens and what's best for us, and not the federal subsidy grabbing and all-for-themselves sPower transplants and profiteers.

Dan and Lori Schmidt
Spotsylvania

Sent from my iPad

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Donna Mayfield

From: Suzie Schoen <smschoen13@gmail.com>
Sent: Monday, March 18, 2019 6:10 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save Our County: DENY sPOWER

Gentlemen,

I am an intelligent woman from the Livingston District.

I have listened to all the arguments and can't believe that we are still dragging this out.

Your conscience should tell you how you need to vote for your constituents.

For the love of Spotsylvania County and all that it offers, please VOTE NO in it's entirety the sPower power plant.

Respectfully,
Susan Schoen
Livingston District

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Donald Schoen <djschoensr@gmail.com>
Sent: Monday, March 18, 2019 6:00 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save Our County: Deny sPower

To the Spotsylvania Board of Supervisors:

The purpose of my email message is to implore you to do what is right for our county and not what an out of state solar plant developer of questionable reputation wants you to do. Their sole objective is profit, not the betterment of the county. Put concisely, this project is:

Too big - never has any solar plant this large been placed so close to residences. We are the experiment.

Too dangerous - unknowns from watershed to viewshed to potential cadtel contamination, etc.

Too expensive - lost tax revenues from better land use, county contributions for 1/2 of waterline, fire house staffing and equipment, installation and maintenance of school solar panels, etc.

As our representatives, please listen to us and vote to deny the sPower plant.

Respectfully,

*Don Schoen Sr.
Livingston District*

--

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Donna Mayfield

From: rickschwartzman@comcast.net
Sent: Monday, March 18, 2019 9:53 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: 5 Reasons Why You Must Deny sPower - Save our County

Gentlemen:

There is **NO financial, fiscal, or employment benefit** to Spotsylvania from the sPower solar plant.

Here are **5 rock-solid reasons why you must DENY:**

1. **State and federal incentives favor the solar industry and not the County** causing tax revenues to be severely restricted over the life of the project.
2. When viewed as a percentage of the County's budget the derived **tax revenue from the solar facility is miniscule** (No more than a rounding error.)
 - a. Year 1 solar tax revenues (per Mangum): \$1,395,165
 - b. FY19 County Budget: \$530,629,756
 - c. **Solar revenues as a percentage of the FY19 budget: .001885** (even less in FY20)
3. When dedicated to solar facilities **real estate (which historically appreciates in value) decreases in value causing declining revenue streams** over the life of the project.
4. There is an employment bubble during the Construction phase of the project, but **few workers are hired locally**, and enduring jobs are low paying and few in numbers.
5. Finally, the **size and scope of the Spotsylvania site is unprecedented, located near a populated area, and largely untested at up to the 400MW** level which puts the environment, wildlife and people at risk.

If this was the long-term outlook of your person wealth portfolio you would run from it! This is not a good investment for Spotsylvania for the next 45-50 years.

Please vote to Deny.

Richard Schwartzman
Livingston District

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Alicia <aliciaschwartzman@comcast.net>
Sent: Monday, March 18, 2019 6:56 PM
To: Paul D. Trampe; Gary Skinner; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

I DO NOT give you permission to use my child, or the children in the surrounding community, as guinea pigs for your greedy project. I am sad, disappointed and completely baffled at knowing that our own elected officials are so blinded by the promises made by sPower that simple logic and sense no longer speaks to you. Do you expect us to respect you or your desire to support this deep-pocket corporation when you are blatantly ignoring your constituents? I implore you to look within and revisit your conscience.

Alicia

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: k babygirl <scrappmom29@yahoo.com>
Sent: Monday, March 18, 2019 6:11 PM
To: Gbenton@spotysylvania.va.us; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com; Thomas G. Benton
Subject: SAVE OUR COUNTY! DENY SPOWER!!!!

Please save our county. We don't want to Be GUINNEA PIGS for this experimental project. Please reconsider this.

From Concerned Citizens of Spotysylvania

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Sean Fogarty <sfogarty77@verizon.net>
Sent: Thursday, March 28, 2019 3:25 PM
To: Mark Cole
Cc: Mark Taylor; Edward Petrovitch; Wanda Parrish
Subject: Re: Decommissioning salvage value

Mark,

It looks like the Governor has approved SB1091 which includes provisions related to decommissioning of solar energy equipment. It goes into effect on July 1st and allows counties the flexibility to decide whether or not to count recycling credits for decommissioning of solar facilities. VACO pushed for this language to allow counties that leeway. This legislation supports the decommissioning provisions in both the Planning Commission and staff conditions for the sPower SUPs which do not allow credit for recycling. FYI.

Best regards,

Sean Fogarty

On Mar 6, 2019, at 12:06 PM, Mark Cole <MCole@spotsylvania.va.us> wrote:

While SB 1091 has been passed by the General Assembly, it has yet to be signed by the Governor. The Governor may sign, veto, or amend the legislation to change its provisions. His deadline to act on the legislation is March 26th. The General Assembly will reconvene on April 3rd to deal with any vetoes or amendments. If it is not vetoed, then its provisions would not become effective until July 1st.

V/R

Mark Cole

Deputy County Administrator
P.O. Box 99
Spotsylvania, Virginia 22553
Phone (540) 507-7004
Fax (540) 507-7019
<image001.png>

From: Sean Fogarty <sfogarty77@verizon.net>
Sent: Wednesday, March 6, 2019 11:41 AM
To: Mark Taylor <MTaylor@spotsylvania.va.us>; Edward Petrovitch <EPetrovitch@spotsylvania.va.us>; Mark Cole <MCole@Spotsylvania.va.us>
Cc: Wanda Parrish <WParrish@spotsylvania.va.us>
Subject: FW: Decommissioning salvage value

Mr. Taylor/Mr. Cole/Mr. Petrovitch,

I realize that working with the legislature and VACO is under your portfolio but a Supervisor had informed me that sPower was mischaracterizing SB1091. I wanted to clear that up quickly because of the shortness of time. I encourage you to reach out to your contacts at VACO to confirm the history on this legislation as desired.

Thanks and best regards,

Sean Fogarty

From: Sean Fogarty [<mailto:sfogarty77@verizon.net>]
Sent: Wednesday, March 06, 2019 11:30 AM
To: GBenton@spotsylvania.va.us; PTrampe@spotsylvania.va.us; David Ross (David.Ross@Spotsylvania.va.us); McLaughlinTJ@spotsylvania.va.us; cyakabouski@spotsylvania.va.us; kmarshall@spotsylvania.va.us; gskinner@spotsylvania.va.us
Cc: mcole@spotsylvania.va.us; wparrish@spotsylvania.va.us; mtaylor@spotsylvania.va.us; epetrovitch@spotsylvania.va.us; kholsten@spotsylvania.va.us; Dave Hammond (davehammond@gmail.com); BOS@spotsylvania.va.us
Subject: Decommissioning salvage value

Supervisors,

I understand that sPower is trying characterize pending legislation in the General Assembly (SB1091 – Reeves) as somehow forcing our county to allow salvage value in the decommissioning cost estimate (contrary to the PC and staff recommended conditions). I respectfully encourage you to contact the Virginia Association of Counties (VACO) for the history of this legislation. VACO came out strongly in favor of the SB1091 bill and in fact lobbied on behalf of all Virginia Counties to get the mandatory “shall” language (from the original bill) changed to “may” just so that the counties would have complete leeway to decide whether or not to allow recycling credit. They wanted counties to have the most flexibility because of the unknown recycling market. Here’s a release from them discussing the bill while it was under consideration – it’s the first item:

<https://www.vaco.org/wp-content/uploads/2019/01/CC12419.pdf>

Key point from the press release: “Preservation of local authority to negotiate the terms of restoration upon removal solar energy equipment must be maintained.”

The Stanley bill listed there (SB1398) became part of the Reeves bill.

Contact info for Joe Lerch at Virginia Association of Counties (VACO):

804-343-2506

jlerch@vaco.org

Lerch is VACO’s director of Local Government Policy and very familiar with the bill and VACO’s efforts to preserve the counties’ flexibility on this issue. Why take away that flexibility because sPower is trying to twist the intent of this bill? There should be no doubt that the county has complete flexibility now and will have complete flexibility in the future.

Quote from SB 1091: “...*such estimate shall not exceed the total of the projected cost of decommissioning, which may include the net salvage value of such equipment, facilities, or devices, plus a reasonable allowance for estimated administrative costs related to a default of the owner, lessee, or developer, and an annual inflation factor.*”

Additionally, I’ve attached a rough, marked up copy of the sPower (Swinerton) Conceptual Cost Estimate Summary from their latest decom plan. The Estimate is dated 11/15/18. I noted 3 main areas of concern:

- \$8,175,756 claimed net recycling value of the PV modules. Based on their panel quantity of 1,615,762 PV modules, this equates to a claimed recycling credit of \$5/panel. They define recycling as “material will be reconstituted into a new product” so this does not assume that the panels will be sold intact on some secondary market. Of course Swinerton provides no supporting documentation to support a recycling value of \$5/panel. My estimate directly from SPower’s recyclers is a \$42M cost. Those details were provided in an email to you on Feb26th.
- Total number of panels is incorrect – should be \$1.8M which could affect other values on numbers of foundations etc
- The estimate counts a recycling credit for the foundations, which sPower’s GDP indicates would be concrete. That’s about \$3.5M for broken up concrete or preformed concrete pads. Really? In a separate part of the decommissioning plan they state that they may use concrete as fill material on site anyway.

There are many other problems with their decommissioning plan – these three are highlights and are related to their claims of recycling credits.

I strongly recommend supporting the Planning Commission and staff’s recommendations to not allow recycling/salvage credits in the decommissioning cost estimate. The county doesn’t need SB1091 to do it that way, but SB1091 (if signed) supports what the county PC and staff are recommending.

Thank you and best regards.

Sean Fogarty
540-972-4957

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This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Matt Sherman <Matt.Sherman@riverbed.com>
Sent: Monday, March 18, 2019 8:02 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish
Subject: Save our county: DENY sPower

As a county citizen I am very concerned about the environmental effects of the solar farm, especially the water table. I am also worried about the decline in property values and that there are not adequate guarantees that the cost for removal will not be on the backs of Spotsylvania residents when sPower decides to leave. Please vote no.

Sincerely,

Matt Sherman

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Matt Sherman <Matt.Sherman@riverbed.com>
Sent: Monday, March 18, 2019 8:02 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish
Subject: Save our county: DENY sPower

As a county citizen I am very concerned about the environmental effects of the solar farm, especially the water table. I am also worried about the decline in property values and that there are not adequate guarantees that the cost for removal will not be on the backs of Spotsylvania residents when sPower decides to leave. Please vote no.

Sincerely,

Matt Sherman

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This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: MELISSA SILVERMAN-LEE <melissa.silverlee@gmail.com>
Sent: Monday, March 18, 2019 6:37 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: SAVE OUR COUNTY: DENY SPOWER!!

I am a resident of the Livingston District. As has been demonstrated, there is NO benefit to Spotsylvania to have the SPOWER solar plant located here. There is only risk, lost tax revenues and environmental repercussions.

I urge you to PLEASE DENY SPOWER!

-Melissa Silverman-Lee
Livingston District Spotsylvania County Resident
703-401-5036

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Margene Sims <mmsims@aol.com>
Sent: Monday, March 18, 2019 6:00 PM
To: Thomas G. Benton; Kevin Marshall; Chris Yakabouski; Timothy J. McLaughlin; david.ross@spotsylvanis.va.us; Paul D. Trampe; Gary Skinner
Cc: Mark Taylor; Wanda Parrish; concernedcitizensspotsylvania.gmail.com@aol.com
Subject: Save our county: DENY S-power

I am a citizen of Livingston District. I have solar panels on my house so believe in solar power BUT the sPower project is too big for our county. There is no reason for Spotsylvania to be a guinea pig to a large company with little benefits but possible contamination to our soil, water and air. Our environment is more important.

I urge you to deny sPower for the sake of Spotsylvania County.

Margene Sims
Livingston District

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Stephen Smith <steve@alden1620.com>
Sent: Monday, March 18, 2019 6:04 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor
Subject: BOS.....PLEASE SAVE OUR COUNTY.....DENY sPOWER'S APPLICATIONS!!!

There are many reasons to deny the SUP applications, i.e., the negative impact on the county roads, the water issue, reduced property values, safety issues *PLUS* the reduction of tax revenues (where other more viable land use options are available).....

.....PLEASE VOTE "NO" and deny the three SUP Applications by sPower!!

Steve Smith
Livingston District

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Jack Smith <jpmas1022@gmail.com>
Sent: Monday, March 18, 2019 8:43 PM
To: Paul D. Trampe; Gary Skinner; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

I am a resident of the Chancellor District of Spotsylvania County. I am also a retired engineer. I have never in my career seen a project so unworthy of approval as the sPower solar project. I have reviewed a large amount of information and data surrounding solar power and in particular the proposed solar project for our county. If I was sitting on the BOS as I am well qualified to do so, I would absolutely vote against this project. In my professional opinion, any member of the BOS that votes in favor of this project is ignoring the project's lack of technical and financial merit and the possible serious consequences this project would likely have on Spotsylvania County.

I urge you to do what is right for our county an vote against this project.

John P. Smith
Chancellor District resident

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: cyn stalker <cynstalker@me.com>
Sent: Thursday, March 21, 2019 9:32 AM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: DENY sPower

I urge you to read this op-Ed piece in The Fredericksburg paper today - it clearly explains the issues, and why it is so important that you vote to deny this solar plant.

https://www.fredericksburg.com/opinion/columns/commentary-many-reasons-to-deny-spover-s-mega-solar-plant/article_63086d64-6df8-5878-8ac1-8acad0a06cd1.html

Cynthia Stalker
11201 Bluffs Vw
Spotsylvania, VA

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This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: cyn stalker <cynstalker@me.com>
Sent: Monday, March 25, 2019 8:29 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

Dear Board of Supervisors,

The WWF's David Edwards says that there has been a 60 percent decline in wildlife populations since 1970 and that working to protect animals is no longer enough to save them.

"We have to address the drivers of habitat loss and species collapse," says Edwards.

Destroying those acres of wildlife habitat some a utility plant that belongs in a desert is wrong.

Cynthia Stalker
11201 Bluffs Vw
Spotsylvania, VA

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This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: H. Sterling <howardss577@gmail.com>
Sent: Monday, March 18, 2019 8:30 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor
Cc: concernedcitizensspotsylvania@gmail.com
Subject: Deny Spower approval

Sirs,

I am a Spotsylvania County Livingston District homeowner, resident and taxpayer. I have been following the discussion concerning approval of the 500MW solar power station. I am concerned for my and my family's safety and health if this station is approved. As discussed, there are several unmitigated risks that exist such as highly toxic Cadmium Telluride (CdTe) panels that when damaged on site, could delaminate with groundwater intrusion and therefore leach highly toxic CdTe into the land and water. Request you not approve this project.

V/R,

Howard Sterling
703-867-2090
Livingston District

Sent from my iPhone

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Robin Sutton <robin13720@verizon.net>
Sent: Monday, March 18, 2019 6:04 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor
Subject: Save our County
Importance: High

*I am a resident of Spotsylvania County, Livingston District. I have studied the solar project issue from all sides. There is NO demonstrable **benefit** to the County at large, and certainly NOT to the residents whose homes will be affected. The possibility of serious health risks to residents ,wildlife and domestic animals; our aquifers and economic fallout ALL exist. sPower has shown itself to be unscrupulous and dishonest on many occasions, surely you will not entrust the welfare of the citizens you serve to this entity who only wants to profit - and nothing more - and who cares not who or what they damage doing it.*

*Since these risks are REAL , you must DENY the project as representatives of the People **you** were elected to SERVE.*

Robin Sutton
540-903-8310
Robin13720@verizon.net

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: John Goodrich <j_h_goodrich@hotmail.com>
Sent: Tuesday, March 19, 2019 11:03 AM
To: Paul D. Trampe; Gary Skinner; Thomas G. Benton; CYakabouski@spotsylvania.va.us; Kevin Marshall; McLaughlinTJ@spotsylvania.va.us; David Ross
Cc: Mark Taylor; Wanda Parrish; Concerned Citizens Spotsylvania
Subject: The Uglification of Spotsylvania County

Massive, Lost Tax Revenues for 30 years, No Benefits!
DENY!

John Goodrich, Livingston County

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Paulette Mann
Sent: Tuesday, March 19, 2019 8:15 AM
To: Wanda Parrish
Subject: FW: The photovoltaic heat island effect and its impact on solar power plant location | PVBUZZ.COM

Paulette Mann
Office Manager
Department of Planning
9019 Old Battlefield Blvd, Suite 320
Spotsylvania, Virginia 22553
(540) 507-7447
pmann@spotsylvania.va.us

From: Michael Medina [mailto:spotsysalem@gmail.com]
Sent: Tuesday, March 19, 2019 8:14 AM
To: Paulette Mann <PMann@spotsylvania.va.us>
Subject: Fwd: The photovoltaic heat island effect and its impact on solar power plant location | PVBUZZ.COM

Sent from my iPhone

Begin forwarded message:

From: Michael <obierplumbing@yahoo.com>
Date: March 19, 2019 at 7:58:02 AM EDT
To: Mclaughlintj@spotsylvania.va.us, David.Ross@spotsylvania.va.us,
spotsysalem@gmail.com, BOS@spotsylvania.va.us
Subject: The photovoltaic heat island effect and its impact on solar power plant location | [PVBUZZ.COM](http://www.pvbuzz.com)

<https://www.pvbuzz.com/photovoltaic-heat-island-effect/>

Sent from my iPad

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This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Trae Taylor - Peak Incentives <trae@peakincentives.com>
Sent: Monday, March 18, 2019 7:29 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; PTrampe@spotylvania.va.us; Gary Skinner; Wanda Parrish; Mark Taylor
Subject: Save Our County: DENY sPower!

The current proposal is too close to residences. Please protect your constituents.

Vote to deny until a plan can be proposed that protects our residents.

Ask yourself... If this project was 75% of the proposed size with 2000-2500 ft setbacks to existing homes, do you think it would be better received by all (most)??

Everyone wants to be part of the solution... But not at the expense of our family's safety and our biggest asset (our homes).

Trae Taylor
Livingston District

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Claudette Taylor <claudette046@hotmail.com>
Sent: Monday, March 18, 2019 8:10 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Aimee Mann; Wanda Parrish; Paulette Mann; Patrick White; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY S Power

Please listen to us, the people of Spotsylvania and vote NO

Claudette Taylor
Livingston District

Sent from my iPad

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This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Dana <danamthomas@msn.com>
Sent: Monday, March 18, 2019 6:44 PM
To: Paul D. Trampe; Gary Skinner; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

Greetings,

My name is Dana Thomas and I live in the Livingston District. The proposed SPower Super Mega project is right near my house. I just recently moved my family here from California. California had too many wildfires and we lost our Family home in Paradise Camp Fire. We moved here to be out in the country and in a nice and peaceful setting and to get away from the wild fire risk. We were not informed of the MEGA solar Plant that might be going into our area before we bought our house. Had we known we would have not bought our house here! I am worried my home value will drop because of the proposed location of the Power Plant.

I am a Landscape Architect and what they are proposing does not work with the surrounding countryside. I do not believe the SPower is the right project for our rural community so close to homes! There has not ever been such a large Solor Mega Plant this close to house before and I don't believe we should be the Ginny Pigs to see if it is safe. I worry about the environmental impacts it will have to our drinking water and the effect it could have on my young children.

There are NO benefits to Spotsylvania from the SPower Plant. There is only risk and lost tax revenues. Please Please listen to your constituents and not the SPower Big Money Lawyers... This is not good for our community! I desperately urge you to DENTY the SPower Project.

Dana Thomas
Livingston District
(916) 718-2256

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Terry Thompson <t2.thompson@yahoo.com>
Sent: Monday, March 18, 2019 6:01 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our country— Deny sPower

For virtually every issue associated with the proposed solar plant there are experts that can espouse different answers. There are just too many uncertainties to impose this on your constituents. There is documentation showing that sPower spokesperson, Charlie Payne, lied about plans for sPower to purchase Fawn Lake property. What else has he lied about. This is not the kind of neighbor we want in our beautiful county. I implore all members of the Spotsylvania BOS to hear the pleas of those constituents that have the more equity in this decision. Vote NO on the Special Use Permits for sPower. Thank you.

Terry S Thompson, resident Livingston District, Spotsylvania County

Sent from my iPad

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This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Princesskiyawna <princesskiyawna@gmail.com>
Sent: Monday, March 18, 2019 6:01 PM
To: Concernedcitizensspotsylvania; Mark Taylor; Wanda Parrish; Gary Skinner; Paul D. Trampe; David Ross; Timothy J. McLaughlin; Kevin Marshall; Chris Yakabouski; Thomas G. Benton
Subject: SAVE OUR COUNTY: DENY sPower.

I am a resident of the Livingston district. I'm 20 years old, lived here my whole life. Bringing this to our county is cancerous.

SAY NO TO sPower!

Thanks,
Kiyawna Thompson

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Tom Rumora
Sent: Wednesday, March 20, 2019 5:14 AM
To: Kenneth Davies
Cc: Edward Petrovitch; Curry Roberts; Daniel Menahem; Charlie Payne; Debbie Sanders; Wanda Parrish; Kevin Marshall
Subject: Re: sPower SUP Process & Data Center Site Selection

Ken -
sPower has been a complex public debate for many months, and is now headed toward final action. Thanks for your time and support. I hope we can do great things together.
Best regards,

Tom Rumora, Director
Dept of Economic Development and Tourism
Spotsylvania County VA
trumora@spotsylvania.va.us
w 540-507-7201
m 540-376-5913

On Mar 19, 2019, at 4:47 PM, Kenneth Davies <kdavies@birchinfrastucture.com> wrote:

Tom & Ed,

I hope this finds you all well. It was a pleasure to meet you last month. I appreciated your time and comments. As discussed, we have been following the sPower SUP application progress and am a bit surprised this project has yet to move forward. Again, we fully endorse the project and as the former head of renewable energy for Microsoft and Google, I can assure you that this project will be an invaluable marketing resource for Spotsylvania County as Birch and other data center developers evaluate locations for new facilities.

We look forward to working with Spotsylvania County in the near future.

Kind Regards,
Ken

<image001.png>

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This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: dennis tosh <dennistosh@hotmail.com>
Sent: Monday, March 18, 2019 9:56 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Cc: Deborah Fox; ektosh@gmail.com
Subject: Save our county: DENY sPower

All,

I am a retiree who just moved to Spotsylvania after a 42 year career in Finance with Ford Motor Company. I have evaluated this proposal with an educated pair of eyes (BA, MBA) and I am persuaded this is a BAD DEAL for our county and my fellow residents, We will not benefit on a net basis economically, and the environmental impact is terrible. Our residents will be saddled with horrendous decommissioning costs with no recourse to an LLC that could easily file bankruptcy at the end of project live. I urge you to vote NO!

Sincerely,

Dennis A. Tosh
10705 Chatham Ridge Way
Spotsylvania Courthouse, VA 22551-8906
(313) 320-4029

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Christie Trotta <christietrotta@aol.com>
Sent: Monday, March 18, 2019 7:18 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

Good Evening,

I am a resident of the Livingston district. I am urging you to deny sPower. It is important to me that our community be a safe place for all of us to live. The large scale of this project will be detrimental to our ecosystem, our health, and our home values....yet provide no benefit to our community. I have been bombarded by fabricated information from sPower in my mailbox, but I did my research. I hope you do as well.

Christie Trotta

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: playinthedirt13 <playinthedirt13@comcast.net>
Sent: Monday, March 18, 2019 6:47 PM
To: Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com; Thomas G. Benton
Subject: Save our county: DENY sPower

I am a resident of the Livingston District. After much research I see no benefit to the proposed sPower solar plant and am concerned about long term county costs, liability, and yet to be discovered health problems. Don't make our county the guinea pigs for a solar plant so close to residential properties.

I urge you to DENY Spower.

Erin Trump

Livingston District

--

This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: lorrishomeart@aol.com
Sent: Monday, March 18, 2019 9:59 PM
To: Paul D. Trampe; Gary Skinner; David Ross; Timothy J. McLaughlin; Chris Yakabouski; Thomas G. Benton; Kevin Marshall
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Vote no

Please vote no for Solar panels in West Spotsylvania. 13,000 men died steps away from the proposed site with troops fleeing from both sides. Don't let this land be full of black solar panels where animals and bald eagles know only death, toxins poisoning the aquifers, silt destroying the Chesapeake and plant life eradicated. Your vote is life and death just like the civil war was to those troops.

Please vote no!

Lorri Tucker

And we know that in all things God works for the good of those who love him, who have been called according to his purpose. Romans 8:28 niv

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This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: ColleenTurley@pobox.com
Sent: Monday, March 18, 2019 6:31 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

I am a resident of the CHANCELLOR District.

Spotsylvania receives NO benefit from the sPower solar plant - only environmental risk, lost property values, and damaged historic presence and tourism.

I urge you to DENY sPower.

Colleen Turley
8404 W Harrison Ct
Fredericksburg, VA 22407
(540) 548-3965

Chancellor District

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Donna Mayfield

From: David Turley <DavidTurley@pobox.com>
Sent: Monday, March 18, 2019 6:29 PM
To: Paul D. Trampe; Gary Skinner; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

As a resident of the Chancellor District, I ask you to please support the citizens of Spotsylvania County by denying sPower's proposal. There is no long-term benefit to the county and this project put the financial and environmental status of the area at risk.

Thank you,
David Turley
50-903-3974

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Donna Mayfield

From: Va Te Faire Foutre <Vate-faireFoutre@mail.com>
Sent: Monday, March 18, 2019 7:22 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: SAVE OUR COUNTY DENY S POWER

WE DONT WANT TO BE THE GUINEA PIGS.

WE ARE NOT LAB RATS. YOU KNOW THIS DOESN'T BELONG ANYWHERE BUT THE DESERT. SCREW YOUR PAID FOR BY S
POWER RESULTS ON SAFETY. THIS IS BS!

--

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Donna Mayfield

From: Rebecca Van Renan <rvanrenan@gmail.com>
Sent: Monday, March 18, 2019 6:03 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Please DENY sPower

I am a resident of the Livingston district. I have lived here for 25 years and enjoyed the beautiful trees and wildlife. This field of solar panels will not provide cover, food and water for these innocent animals. Please don't destroy our beautiful countryside.

Save our county! DENY sPower

Rebecca Van Renan
Livingston district

Sent from my iPad

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Donna Mayfield

From: Susan Wachter <susanwachter58@yahoo.com>
Sent: Monday, March 18, 2019 6:01 PM
To: GBenton@spotsylvanie.va.us; cyakabouski@spotsylvania.va.us; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

I am a recent resident of Livingston District, having purchased our dream home (and not a mansion, mind you) to age in place. Please prove to ALL Spotsylvania residents that you have their best interests at heart as you vote NO to the massive solar power monstrosity. sPower will NOT be a good neighbor with all the lies and changing “facts!” They are the only ones who will be “rolling in the money” as long as they manage to stay in business. Do not mar your name or the good name and reputation of Spotsylvania by allowing this in our county. DENY sPower!

[Sent from Yahoo Mail for iPad](#)

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This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Greg & Judy Walker <gregandjudy2017@gmail.com>
Sent: Monday, March 18, 2019 6:24 PM
To: Paul D. Trampe; Gary Skinner; Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: DENY sPower

I am a resident of the Livingston District. I am deeply concerned of the short-term AND long- term risks of the solar plant. Please don't let sPower destroy our county.

I strongly URGE you to DENY sPower.

Respectfully,
Judy Walker
Livingston District

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Donna Mayfield

From: Judy Walsh <jwalsh3940@gmail.com>
Sent: Monday, March 18, 2019 9:28 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: sPower

Supervisors:

The detailed cost-benefit analysis is definitely not favorable for Spotsylvania County.

If you disagree please move its location to your district.

Deny sPower.

Judy Walsh
Livingston District

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Donna Mayfield

From: Linda M Westerhoff <westerlm@icloud.com>
Sent: Monday, March 18, 2019 9:09 PM
To: Wanda Parrish
Subject: Save our county now, deny sPower now

Sent from my iPad
Linda M. Westerhoff

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Donna Mayfield

From: Andrew Wheeler <fireman4minerun@aol.com>
Sent: Monday, March 18, 2019 6:27 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: Deny sPower

All, I am a Livingston district resident, west catharpin road. I urge you to deny sPower. There is no long term benefit to Spotsylvania county from this project. Again I urge you to deny this project for the sake of the county, and more so to the residents that it directly effects, which include me.

Thanks for your time,

J, Andrew Wheeler
Livingston District
Spotsylvania virginia
West Catharpin Road

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This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Stacy <swheeler412@aol.com>
Sent: Monday, March 18, 2019 6:00 PM
To: Thomas G. Benton; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county deny spower

Our roads are not safe enough for this, please deny Spower. We as a county have come together to let you know how much we oppose this proposal. Please listen to the citizens and deny this project.

Stacy wheeler
Livingston

Sent from my iPad

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This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: aewiedle <aewiedle@aol.com>
Sent: Tuesday, March 19, 2019 8:33 AM
To: Thomas G. Benton; cyakabousk@spotsylvania.va.us; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor
Subject: Re: NO for sPower Power Plant

This solar project is and will be a negative addition to our county. Impact on land and water is irreversible. Please vote NO on this project that will impact our environment and cause future issues.

Amy Wiedle
Spotsylvania, VA 22551

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This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Chris Wiedle <chwiedle@gmail.com>
Sent: Tuesday, March 19, 2019 7:05 AM
To: Thomas G. Benton; cyakabousk@spotsylvania.va.us; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paul D. Trampe; Gary Skinner; Wanda Parrish; Mark Taylor
Subject: Vote NO for sPower Power Plant

Way to risky. Inside the Chesapeake watershed, and too close to neighborhoods. Technology not proven and recycle costs too high. Misguided politicians willing to sell out there neighbors love these schemes.

Chris Wiedle
Spotsylvania VA, 22551

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- Chris Wiedle -

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This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Woody <woodyard.andrew@gmail.com>
Sent: Tuesday, March 19, 2019 4:17 PM
To: Chris Yakabouski; David Ross; Gary Skinner; Kevin Marshall; Timothy J. McLaughlin; Paul D. Trampe; Thomas G. Benton
Cc: Mark Taylor; concernedcitizensspotsylvania@gmail.com; Wanda Parrish
Subject: Save our county: DENY sPower

This is to big with to many unknowns, please VOTE NO

Woody Woodyard

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This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Margaret Martinez <jmartinez703@aol.com>
Sent: Monday, March 18, 2019 5:56 PM
To: Aimee Mann; David Ross; concernedcitizensspotsylvania@gmail.com; Concerned Citizen; Thomas G. Benton; cyakobouski@Spotsylvania.va.us; Kevin Marshall; Timothy J. McLaughlin; Paul D. Trampe; gskinner@spotsylvania.com; Wanda Parrish
Cc: jmartinez@aol.com
Subject: SAVE OUR COUNTY: DENY sPOWER

My family has lived in Livingston District for over 200 years; we have a vested interest in your VOTE TO DENY sPower!

Dr Michael & Margaret Woolfrey Olichney

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This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: rzawada@verizon.net
Sent: Monday, March 18, 2019 10:24 PM
To: Wanda Parrish
Subject: Fwd: Save our County. DENY Spower

Forwarding my email as I initially misspelled your email.
Lydie Zawada

----- Forwarded message -----

From: rzawada@verizon.net
Date: Mar 18, 2019 22:15
Subject: Save our County. DENY Spower
To:
Gbenton@spotsylvania.va.us,cyakabouski@spotsylvania.va.us,kmarshall@spotsylvania.va.us,McLaughlin@spotsylvania.va.us,PTrampe@spotsylvania.va.us,Gskinner@spotsylvania.va.us,davidross@spotsylvania.va.us
Cc: Wparish@spotsylvania.va.us,Mtaylor@spotsylvania.va.us,concernedcitizensspotsylvania@gmail.com,Lydie Zawada <rzawada@Verizon.net>

I am a resident of the LIVINGSTON District and very concerned about the huge Spower solar plant. I am also a retired nurse, hoping for a healthy environment to enjoy my life. Spower presents only mega risks and no benefits for our county.

Please, DENY sPower. It will destroy our county!

Lydie Zawada

Livingston District

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This email was Malware checked by UTM 9. <http://www.sophos.com>

Donna Mayfield

From: Laura Zeranski <laurazeranski@outlook.com>
Sent: Monday, March 18, 2019 6:02 PM
To: Aimee Mann; Paul D. Trampe; Gary Skinner; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross
Cc: Wanda Parrish; Mark Taylor; concernedcitizensspotsylvania@gmail.com
Subject: Save our county: DENY sPower

I am a resident of the Livingston District. As has been demonstrated, there is NO benefits for Spotsylvania from the sPower solar plant. There are only risks to the health of citizens and our local environment and lost tax revenues.

I URGE YOU TO DENY sPower.

*Laura Zeranski
Livingston District*

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This email was Malware checked by UTM 9. <http://www.sophos.com>

From: danlen2001@aol.com
Sent: Tuesday, April 2, 2019 10:12 AM
To: Chris Yakabouski; David Ross; Thomas G. Benton; Gary Skinner; Kevin Marshall; Timothy J. McLaughlin; Paul D. Trampe
Cc: Wanda Parrish; danlen2001@aol.com
Subject: Please note - Conservation Easement

Supervisors and Wanda,
I am speaking for the Spotsylvania County Land Owners Association, Inc. At our last meeting, on February 21, it was discussed on the sPower Project, land that will be placed in Conservation Easement will be there in perpetuity. Some of our members voiced their opinion that perpetuity is forever and this acreage should read - "for the life of the project". The thought was that in the future or someday, these low lying areas could be used for sewer easements (sewer lines). A Sanitary Engineer, a member of our group, said that Conservation Easements in perpetuity would not allow sewer easements. Please check this out for the future of Spotsylvania.

Supervisors,
We were at the Public Hearing, spoke and listened and are convinced more than ever that the sPower Project is good for Spotsylvania. I listened to the last several meetings and again it seems as if our County government has worked with sPower officials to make sure that all aspects of this project will be safe and profitable for Spotsylvania County. Again, we as land owners of Spotsylvania County ask you to support this project. A Company that is planning to invest \$615 million in Spotsylvania, will be one of the ten largest taxpayers in our County, (\$13.4 million) pay \$3.5 million to help bring a new needed waterline to Fawn Lake and many jobs to Spotsylvania is the kind of company that is needed to clean up 6,000 acres in Western Spotsylvania. We know this is a hard call for you and lots of work on Spotsylvania County's Staff. Thanks for asking the right and tough questions. Please, support this project.
Thanks,
Daniel Pemberton Cell (540) 429 - 3894
Spotsylvania County Land Owners Association, Inc.

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