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Cc: [Smith, Ashley](#); [Koutoufidis, Nicholas](#); [Brown, Bronwyn](#)
Subject: Follow Up - JVR Solar Project
Date: Wednesday, August 11, 2021 2:27:28 PM
Attachments: [image001.png](#)

Hi everyone,

Hope you're doing well. We wanted to thank you again for meeting with us to discuss the JVR Solar project. We wanted to follow up on your questions from the meeting.

We spoke to the applicant about your questions from our meeting last week regarding the use of a dry brush dusting system for solar module cleaning, utilizing iron flow batteries for the battery energy storage system, back-up power feasibility for the town during a wildfire risk shutoff, and requiring recycling of batteries at the end of their life.

The applicant will be obtaining technology that can do both dry brushing and panel washing for the solar modules. If dry brushing will clean the panels sufficiently depending on the amount of debris, then it will be used. However, it is anticipated that the panels will need washing from time to time. The applicant conducted a groundwater study that the County's groundwater geologist reviewed and found that the project will not impact groundwater levels. During operation of the solar facility, water demand will not exceed the County's thresholds, nor will the groundwater-dependent ecosystems be significantly impacted. A Groundwater Monitoring and Mitigation Plan (GMMP) is included as a condition of approval for the Community Buffer Project, which ensures that pumping does not significantly impact existing well users and groundwater dependent habitat.

The applicant has stated that they are not amenable to use iron flow batteries based on their statement that it is financially or commercially feasible for them at this time. The battery energy storage system is proposed with lithium ion batteries that will have an internal fire detection and suppression system in each container. A Fire Protection Plan has been prepared and accepted by the County Fire Authority, which identifies fire risks and identifies measures that will mitigate those risks.

As far as the back-up power feasibility, we should be obtaining an update later this week from the applicant on this.

For the recycling of batteries, the County will be conditioning the project that prior to decommissioning, major project components must be evaluated to determine recyclability to the maximum extent feasible. A log of all project components detailing if they are being recycled and/or sent to landfill must be provided. The log must include the facility location of all recycling, disposal, or transfer station facilities for material that must be removed in the approved decommissioning plan. Additionally, any project components that are replaced during operation of the facility will be required to do the same thing.

Please let me know if you would like to discuss this any further and I can set up a call to meet again. Thanks again for reaching out to us, we really appreciate it.

Thanks,

Mark Slovick, Deputy Director

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