



March 17, 2021

Nicholas Carr, Director  
IDEM Southwest Regional Office  
114 South 7th Street  
P.O. Box 128  
Petersburg, IN 47567-0128

**RE: Request for Comments on Posey Solar Project in Posey County, Indiana**

Dear Nicholas Carr:

Tetra Tech Inc., on behalf of Posey Solar LLC (Posey Solar), is gathering information and requesting agency comments for the proposed Posey Solar Project (Project) in southeast Posey County, Indiana. The purpose of this letter is to inform your organization of the proposed Project as required by Posey County ordinance Development Plan Application, seek your input regarding any permits or approvals that may be required, and identify known resources under your agency's jurisdiction that may be in the study area (herein described) or surrounding vicinity that could be materially affected.

The Project has a proposed nameplate energy generation capacity of up to 300 megawatts (MW) alternating current (AC). An area of approximately 8,300 acres is being evaluated for siting the Project (Study Area). The design of the Project is still being finalized, and the cumulative footprint of the Project is estimated to be approximately 2,400 acres (Project Area) within the Study Area. The Project is located east of the city of Mt. Vernon and west of the city of Evansville. A map of the Study Area location and boundary is enclosed for your reference (**Figure 1**).

Land use within the Project Area is currently row-crop agriculture.

The Project's facilities may include:

- Solar modules, inverters, and racking;
- Fencing;
- Access roads;
- Operations and Maintenance (O&M) building;
- Project substation;
- Power transformer;
- Transmission line;
- On-site electrical collection lines; and
- Ancillary equipment or buildings as necessary.


The proposed Project solar array layout and other facilities' locations have not been finalized at this time. Foundations for the solar arrays will be driven steel piles. Fencing will consist of an appropriately sized fence and material. Gates will be secured with lock boxes. Access will be controlled by the Project owner with access provided to local emergency response officials as needed. Access roads will be installed as necessary to allow access to Project facilities for O&M of the Project. Road design includes stripping the surface vegetation root

zone for the width of the road and placing compacted aggregate over the stabilized subgrade. Mechanical stabilization, such as geotextile reinforcement, may also be employed on top of compacted subgrade before aggregate placement. The electrical collection lines between the solar arrays, inverters and Project's substation will be 34.5 kilovolt (kV) and may be installed aboveground or direct buried at a reasonable and standard industry practice depth. Directional boring may be used to install collectors at some portions of the Project. The Point of Interconnection (POI) will be a new switching station that connects to the existing AB Brown-Gibson 345kV transmission line. The new switching station is planned to be located on the east side of the Project Area approximately 1.5 miles north of the AB Brown 345kV substation, and approximately 36.5 miles south of the Gibson 345kV substation.

We respectfully request your response comments within 30 days of receipt of this letter. Where applicable, written agency comments provided in response to this letter will be incorporated into the Development Plan Application materials that will be submitted to officials in Posey County.

If you require further information or have questions regarding this matter, please contact me at 612-643-2237 or at [adam.holven@tetrattech.com](mailto:adam.holven@tetrattech.com).

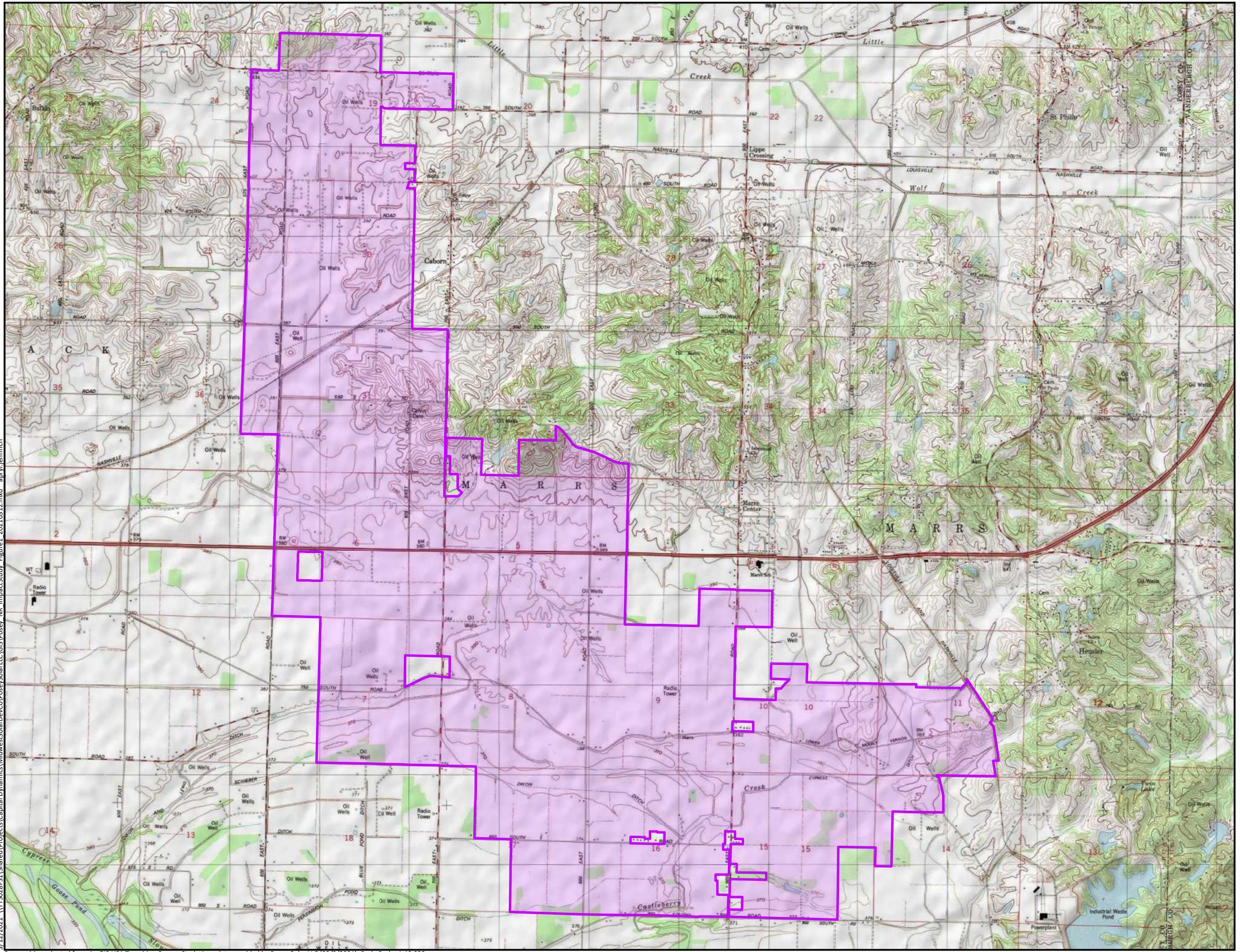
Sincerely,



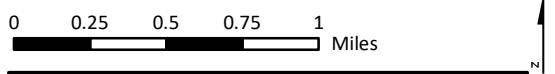
Adam Holven  
Project Manager  
Tetra Tech Inc.  
2001 Killebrew Drive, Suite 141  
Bloomington, Minnesota 55425

Enclosure: Figure 1 - Posey Solar Project Location

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Study Area (8,274 acres)



**Figure 1: Project Location**  
**Posey Solar LLC**  
**Posey County, Indiana**

Source: Map adapted from ArcGIS USA Topo Map Server; Study Area data provided by Posey Solar LLC (03/9/2021); Scale Scale: 1:40,000.

