

# Lapeer Solar Project – Inovateus Solar and DTE Energy



## Project Challenges:

Inovateus Solar participated in an open competitive RFP process with DTE Energy, with a very limited review and response period of 60 days. With assistance from TRC, Inovateus was able to demonstrate the suitability and advantages of the Lapeer properties proposed for solar PV development.

## TRC Solutions:

TRC conducted an expedited wetlands delineation of ~350 acres and completed a regulatory review in less than 30 days. TRC also participated in document preparation for the RFP response.

Subsequent to project award, TRC provided additional services to support site solar development, including:

- Site plan review assistance and engagement with local government agencies.
- Environmental due diligence, including due care construction planning for a small segment of land contaminated from a former orchard.
- Solar panel layout planning assistance based on likely permitting sensitivities and construction sequencing requirements.
- Soil erosion and sedimentation control design and permitting.
- Joint Permit for construction in a flood plain.
- County Drain permit for installation of HDD-drilled electrical conduit under regulated drain.
- Driveway engineering design and permitting.
- Roadway culvert load engineering studies.
- Threatened & endangered Species review and environmental Awareness training for construction managers.

The project is nearing completion of construction and will be commissioned in late 2016.

### Photos:

*(Top) Farm field site selected for PV solar array.*

*(Middle) Solar panels under construction.*

*(Bottom) Demille Road farm with panels constructed.*

### Project Size:

48 MW<sub>ac</sub>

### Project Location:

Former State Hospital Farm and Additional Agricultural Lands – Lapeer, MI

### Contract Award:

\$125,000

For more information contact:

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