

MOUNT PLEASANT TECH INTERCONNECTION PROJECT



Q. Why is this project needed?

Due to Foxconn's forecast for electricity usage at its new Mount Pleasant, Wis. campus, ATC is developing a project to construct a set of new electric transmission lines and a substation to serve Foxconn, in addition to modifications of existing transmission lines, structures and substations. The existing electric transmission and distribution systems in the area cannot accommodate the additional loads expected from the Foxconn development and other associated development.

Q. What is being proposed by ATC?

- Construct the new Mount Pleasant Substation south of Braun Road along the east side of County Trunk Highway H to provide electrical service for the Foxconn campus.
- Electrically connect the existing 345-kilovolt transmission lines near the development site and construct two sets of double-circuit transmission lines (four circuits) along a 1.2-mile corridor to connect to the new substation.
- Add a second 345-kV transmission circuit to an existing transmission line between Racine and Pleasant Prairie.
- Perform modifications at the Racine and Elm Road substations, and at the Pleasant Prairie switchyard.
- Connect the Mount Pleasant Substation to the Foxconn-owned on-site power station with four 138-kV transmission lines, which will be placed underground for approximately 400 feet across County Truck Highway H.

Q. How will landowners be impacted by the project?

Landowners along the existing 345-kV transmission line between Racine and Pleasant Prairie will see crews add a second 345-kV circuit (three additional wires), mostly on existing structures. Approximately 19 structures will be replaced as part of this project. No new right-of-way is needed along this corridor.

The east-west portion of the project between the existing transmission line and the new Mount Pleasant Substation will require approximately 1.2 miles of new right-of-way. Two route alternatives have been identified for each of the two sets of double-circuit transmission lines.

Q. What is the cost of this project, and will it impact my electric bills?

The Mount Pleasant Tech Interconnection Project is expected to cost approximately \$117 million. Under state law, public utilities such as ATC are required to provide service to customers within their service areas. The impact on a typical residential electric bill will be distributed amongst approximately five million customers over a 40-year period. Foxconn will own and operate the electric facilities on its campus needed to serve its manufacturing operations.

Q. Will other electric customers benefit from this project?

Yes. This project proposed by ATC is a robust transmission system that will help meet the growing electric demands of current electric users and also accommodate the expected growth in businesses and homes in Racine County.

Q. How much electricity will Foxconn use?

With an initial electric load estimate of 200 megawatts, Foxconn is expected to use more electricity than any other manufacturing facility in Wisconsin. According to the U.S. Department of Energy, one megawatt will serve the instantaneous demand of approximately 750 homes. That means the power used by Foxconn at full capacity would be enough to power approximately 150,000 households.

Q. Were other solutions and alternatives considered?

ATC is required by the Public Service Commission of Wisconsin to consider and document possible electric alternatives, and to demonstrate that the proposed solution is in the best interest of electric consumers from a cost and operational standpoint. Lower voltage solutions would have required many more transmission lines to meet the expected electric demand.

Q. Does this project require regulatory approval?

Yes. The PSC must review and approve this project. ATC submitted an application to the PSC in late January 2018 and is requesting a decision by August 2018. During the PSC's regulatory review period, the public will have an opportunity to comment on the project and/or attend technical and public hearings.

Q. What is the schedule for the project?

If the PSC approves the project in August 2018, ATC would begin construction of the Mount Pleasant Substation in late 2018 and begin the transmission line construction in early 2019. The new transmission lines and substation will be in service by late 2019 or early 2020.

Q. How can I follow the PSC's regulatory review process?

Any member of the public can access the Case Management System of the PSC through their e-services portal by visiting psc.wi.gov. The docket number for this project is 137-CE-188.

Q. Who can I contact if I have questions?

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ATC is a member of the Green Masters Program, a recognition and assessment program for Wisconsin businesses interested in improving and being recognized for their sustainability initiatives



Information current as of June 2018

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