Associate Engineer

International Transmission Company (ITC), headquartered in Novi, Michigan is the nation's first fully independently owned and operated electric transmission company. We are in the business of transmitting high voltage electricity from generating facilities in southeastern Michigan, other Midwestern states and Ontario to distribution substations, serving a population of approximately 4.9 million people in an area comprised of 13 southeastern Michigan counties, including the Detroit metropolitan area.

Job Summary: Develops capital projects resulting from studies that show potential problems in congested or low voltage areas in the transmission system.

Essential Duties and Responsibilities:
The following are the primary duties of this job, but are not intended to represent all of the duties.

- Study expected transmission system performance including voltage, thermal loading, transfer capability and dynamic stability.
- Develop, test, and propose new system capital expansion projects.
- Support development of models to facilitate system studies including models used inside and outside the company
- Attend meetings and training sessions to increase professional knowledge and skills.
- Generate internal and external reports on various facets of transmission system.
- Perform customer interconnection studies including new load and generation interconnection requests.

Requirements:

- Bachelor's degree in Electrical Engineering. Power system coursework preferred.
- Minimum of one year (1) related experience. Two (2) or more years of experience preferred.
- Co-op experience with a utility preferred.
- Possess sound analytical problem-solving and documentation skills.

ITC offers excellent benefits that include medical, dental, vision, 401k, tuition reimbursement, pension plan, and more. ITC is an equal opportunity/affirmative action employer. For more information please visit our website at www.itctransco.com. Resumes, cover letters, and salary requirements can be submitted through employment@itctransco.com .