

NYISO Career Spotlight

GRID PLANNING

Illuminating the Future

When New York transitioned to a competitive marketplace for electricity, the NYISO accepted responsibility for electric system planning. **Our planning processes spotlight emerging needs, which have led to investments in the electric infrastructure aimed at bolstering system reliability.** A **diverse array of stakeholders** including market participants, government authorities, and neighboring grids are included in our shared process.

Reliability planning is fundamental to maintaining the integrity of the electric grid and includes identifying needs, encouraging market-based solutions, and evaluating proposed solutions.

Our **economic planning** looks at **transmission congestion** and evaluates potential costs and benefits of alleviating bottlenecks. We also plan for **changes to meet public policy requirements.**

Interregional planning efforts include the Eastern Interconnection Planning Collaborative, consisting of some two dozen planning authorities covering 39 states and two Canadian provinces.

The NYISO hires individuals to help support the future of the grid in many different capacities. Some examples include:

- **Planning Engineers**
- **Planning Analysts**
- **Environmental Engineers**
- **Load Forecasters**

About the New York Independent System Operator (NYISO)

We are a not-for-profit corporation responsible for managing New York's electric grid and its competitive wholesale electric marketplace. We do not generate power or own transmission lines, but we work with power producers, utility companies, and stakeholders to provide power to meet New Yorkers' electricity needs on a daily, hourly, and minute-to-minute basis. We are committed to a fair, transparent market system because it helps us deliver the lowest cost wholesale power solutions.

