

## PowerGEM, LLC Acquires Astrapé Consulting

*April 30, 2024*

PowerGEM, LLC, a leading provider of transmission reliability modeling, market analysis software and technical services for the electric power industry, has acquired Astrapé Consulting, a leader in resource adequacy for reliably managing the transition to clean energy. PowerGEM also recently welcomed a new CEO, Joe DeMatteo, to lead the combined organization and work closely with its founders, Boris Gisin and Manos Obessis, who continue to hold executive leadership positions.

This acquisition combines two successful businesses with decades of industry experience. Together, they will serve the numerous customer segments responsible for meeting the rapidly evolving operational and planning needs of the North American power grid and related markets, including the expanded and sustainable use of renewable energy resources.

Through its software, technical services and expert training, PowerGEM provides more than 230 system operators, utilities, consultants and developers with robust modeling and analytical capabilities to optimize grid reliability and market efficiency. Its two primary software suites are:

TARA (Transmission Adequacy & Reliability Assessment) to model, assess and plan power transmission for reliable grid operation. Its modeling capabilities and analytical applications extend beyond traditional tools for power-flow planning.

PROBE (Portfolio Ownership & Bid Evaluation) for production cost-modeling to simulate and predict day-ahead and locational pricing. Using a full transmission model, the end-to-end simulation software enables wholesale electricity market optimization.

Astrapé also works with some of the largest power system operators and utilities. Its SERVM (Strategic Energy and Risk Valuation Model) software is used for resource adequacy studies, resource capacity accreditation, renewable integration assessments, and resource planning studies. SERVM is unique because of its approach to assessing resource adequacy, which entails full economic modeling, allowing users to select expansion plans that properly weight reliability and economic attributes. The firm also offers consulting services and regulatory support, using SERVM as the basis for resource adequacy requirements, ELCC (effective load carrying capability) for both conventional and renewable resources, and other resource planning decisions.

*Link to original press release:*

[https://www.bdtonline.com/news/nation\\_world/powergem-llc-acquires-astrap-consulting/article\\_a33e05ae-696e-53c5-8b98-8b96f5cd955f.html](https://www.bdtonline.com/news/nation_world/powergem-llc-acquires-astrap-consulting/article_a33e05ae-696e-53c5-8b98-8b96f5cd955f.html)

