ENERGY ASSOCIATES INTERNATIONAL

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Restructured Electricity Market Seminar – Reliability, Affordability & Sustainability

In cooperation with the International Facility Management Association (IFMA), Energy Associates International (EAI) would like to share and discuss market trends, risks and opportunities for commercial and institutional electricity customers on Alberta's path to a net zero electricity grid. Unlike most of the provinces in Canada, Alberta's electricity grid continues to experience unique challenges with decarbonization and electrification. External pressures from Ottawa requiring accelerated decarbonization to NetZero by 2035 have had impacts on reliability and costs as witnessed by the emergency alert events in 2024 and recent blackout events in Spain and Portugal. Upcoming regulatory changes in Alberta's electricity market are intended to minimize electricity price volatility and grid congestion; these changes in addition to load requirements from large data centers are expected to impact new merchant generation investment and wholesale market trading liquidity. Alberta's upcoming restructured electricity market in 2027 will also allow for more distributed generation, batteries and participation by demand-side sources to support grid adequacy and reliability.

At this seminar, senior staff at EAI will draw on decades of wholesale energy trading and origination experience, to explain the new path chosen by Alberta to address reliability, affordability and decarbonization by 2050. Attendees will also learn about opportunities and risks related to renewables investment, including prioritizing energy efficiency and capital investment to succeed in the upcoming restructured electricity market.

Speaker Bio

Jay U. Manoharan, P.Eng. – Managing Partner, N. America
Energy Associates International (EAI)

With over 30 years' experience in the various energy utilities sectors, Jay leads an energy practice in trading and portfolio management in deregulated wholesale trading electricity and natural gas markets in North America.
Jay has worked in senior leadership positions transforming vertically integrated energy utilities to compete in deregulated energy markets including merchant PPA design and origination, wholesale energy trading, renewable energy development, operating reserve markets, distributed generation and energy marketing. With energy transition, Jay is actively engaged developing net zero and carbon market optimization for utilities, energy producers and end-users in deregulated markets in North America and emerging structured markets in Asia.