

How Energy Efficiency Prevents Costly Grid Upgrades at Industrial Sites - Northmore Gordon

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Removal covers activities that permanently remove CO₂ from the atmosphere such as new forestry plantations, soil carbon improvement or carbon capture and storage. certificates Live Certificate Prices The value of certificates change day-to-day, check todays prices Solar VEECs (VEU PBA) VEU PBA for Large-scale Solar Measurement & Verification (VEU & ESS) M&V; for Large C&I; Efficiency Projects (VEU PBA & ESS PIAM&V;) BESS Calculator Estimate the Peak Reduction Certificate revenue available to your NSW battery project in minutes ERF & Carbon Credit Registration ACCUs for Emission Reduction Projects Boiler Upgrades (VEU & ESS) NSW & VIC Boiler Rebates REC Registration (I-RECs & LGCs) Register renewable assets for I-RECs and LGCs Trade RECs & Carbon with us Trade Local & International Environmental Attribute Certificates moREnewable100 (RECs & Offsets) Reach Global Sustainability Goals with Certificates and Offsets Deemed Certificates (VEU & ESS) NSW & VIC Rebates Global Certificates Environmental Attribute Certificates Australian Programs Australian EAC Programs Case Studies Sectors Articles Team More Close More Open More Northmore Gordon Learn more about Northmore Gordon with the latest news and insights, were to find us, and the extensive terminology used in emissions reductions About Us Who we are & what we do in energy efficiency & decarbonization. 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Smart Strategies to Stay Within Network Limits James DiLiberto , CEO of AZZO , introduced three key strategies to manage energy demand effectively: Implement Energy Management Systems (EMS): These systems enable real-time load control and the integration of onsite generation—such as solar PV Solar Photovoltaic and batteries—helping sites operate within existing electrical limits. Use Smart Controls and Monitoring: By collecting and analysing granular energy data, facilities can optimise usage, reduce peak demand, and enhance overall energy efficiency. Integrate Onsite Renewables: Harnessing solar and battery storage not only cuts grid dependence but also eases the strain on legacy infrastructure, potentially deferring the need for upgrades. Craig Morgan on the Value of Energy Efficiency Craig Morgan, Group Sales Director at Northmore Gordon, offered further insight into how energy efficiency plays a vital role in this equation. "When you reduce demand through energy efficiency, you're not just lowering your bills," said Morgan . "You're freeing up capacity on your existing infrastructure, which can delay or eliminate the need for upgrades that often run into the hundreds of thousands—or even millions—of dollars." He shared examples of how Northmore Gordon has worked with industrial clients to conduct detailed energy assessments, helping them remain within the capacity of their existing transformers and feeders—thereby avoiding expensive and time-consuming grid upgrades. A Strategic Imperative for Industry With electrical network constraints increasingly common—particularly in older industrial estates and rapidly developing areas—these approaches are becoming critical for cost-effective growth. As Morgan noted, "In today's energy environment, smarter use of energy is just as important as clean energy." 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