

NEWS RELEASE

Doosan GridTech Showcases Advanced Energy Innovation with 41.5 MW Battery Energy Storage System for Tailem Bend II Hybrid Project

Doosan GridTech has successfully delivered and integrated a 41.5MW Battery Energy Storage System for Vena Energy's Tailem Bend II Hybrid Project, marking a significant advancement in utility-scale hybrid energy solutions in South Australia.



Bellevue, Washington - [JANUARY 24, 2025] Doosan GridTech is proud to announce the delivery and integration of a 41.5 MW Battery Energy Storage System (BESS) for Vena Energy's Tailem Bend II Hybrid Project, a pioneering renewable energy initiative in South Australia. Powered by Doosan GridTech's DG-IC power plant controller, this project represents a significant milestone for utility-scale hybrid energy solutions, enabling independent operation of solar and storage assets while sharing a single grid connection.

The Tailem Bend II Hybrid Project, located 90km southeast of Adelaide, seamlessly combines an existing 87 MW solar farm with the newly deployed 41.5 MW BESS to achieve a total capacity of 128.5

MW. The innovative configuration ensures maximum operational flexibility, allowing the solar farm and BESS to function independently and dispatch energy when it is most needed.

"This project is a game-changer for renewable energy in Australia," said Steve Levy, CEO of Doosan GridTech. "By enabling hybrid systems to efficiently operate with a single grid connection, we're helping to maximize the value of existing infrastructure while ensuring renewable energy is available when demand is highest. The success of this project underscores our commitment to providing advanced energy solutions that drive the transition to a sustainable future."

Doosan GridTech's DG-IC power plant controller played a central role in the project's success. The controller coordinates seamless integration between solar and storage assets, enabling the system to adapt in real-time to grid demands while optimizing energy dispatch.

"Deploying our DG-IC controller in a hybrid system of this scale is a testament to the capabilities of our technology and the expertise of our team," said Steve Hummel, CTO of Doosan GridTech. "This system not only supports South Australia's ambitious emissions reduction goals but also demonstrates the potential for hybrid energy solutions to accelerate the global energy transition. We're thrilled to be at the forefront of such groundbreaking projects."

The Taillem Bend II project highlights Doosan GridTech's role as a trusted partner for advanced energy storage and hybrid renewable solutions. By enabling efficient and flexible energy storage, this project contributes to powering over 38,000 homes annually and avoiding nearly 223,000 tons of greenhouse gas emissions.

Doosan GridTech is committed to collaborating with partners worldwide to develop scalable, innovative BESS solutions that meet the challenges of today's energy landscape. For more information about our technologies and expertise, visit doosangridtech.com.

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