GVEA avoids blackouts with immediate support from ABB battery energy storage solutions

Powering through the extreme environment of Alaska for more than 16 years, the Golden Valley Electric Association (GVEA) provides safe and reliable supply of sustainable energy through the ABB e-mesh™ battery energy storage solution and control system. GVEA was an early adopter of this battery solution and has set the Guinness World Record for the world’s most powerful battery – and also the oldest.

-62° F
Extreme winter temperatures

~32,000
Households

6.7
Prevented outages per meter

16 years
In operation
e-mesh PowerStore battery energy storage solution
Revolutionizing the way energy is managed and consumed

ABB's Grid Edge Solutions enable:
Maximum customer value | Optimum system performance | Grid reliability | New business opportunities for energy providers