TERRAVOLT RENEWABLES · FACT SHEET · OCT 2026

Battery Storage

Reference site: Red Hollow, TX - 400 MW / 1.6 GWh, operating since March 2025

Four-hour lithium iron phosphate batteries that charge while solar is plentiful and carry the grid through the evening ramp, with frequency and reserve services the rest of the day.

SYSTEM

Power	**400 MW**
Energy	**1.6 GWh**
Duration	**4 hours**
Chemistry	**LFP (lithium iron phosphate)**
Enclosures	**approx. 400 containers**

PERFORMANCE

Round-trip efficiency	**88%**
Year-one availability	**98.4%**
Standby to full power	**Under 1 second**
Homes at evening peak	**approx. 80,000**

SAFETY & CARE

Detection	**Per container**
Layout	**Fire-code spacing, plan agreed with the fire marshal**
Augmentation	**Modules added to hold 1.6 GWh**
Design life	**20 years, then re-powered**

Terravolt Renewables · 1200 Mesa Verde Blvd, Suite 900, Sandoval, AZ 85000 · hello@terravolt.example · +1-555-0190
Figures reported for operating sites as of October 2026. Not an offer of, or a solicitation to buy, any security. Demo content.