



Six plants earn Best of the Best honors in CCJ's annual Best Practices Awards program

/ [Best Practices](#) / By Team-CCJ

The COMBINED CYCLE Journal and the steering committees of the industry's leading users groups—including 7F, 501F, 501G, 7EA, 7/9HA, Western Turbine, CCUG, STUG, GUG, PPCUG, Frame 6B, Frame 5, 501D5-D5A, AOG, and V—collaborate to expand the sharing of best practices and lessons learned among owner/operators of large frame and aeroderivative gas turbines.

Thirty-eight plants listed below participated in the 2023 Best Practices Awards program with six selected by industry experts for **Best of the Best** honors. Details of the Best Practices submitted will be published in future issues.

CCJ launched the industry-wide Best Practices Awards program in late 2004. Its primary objective, says General Manager Scott Schwieger, is recognition of the valuable contributions made by plant and central-office personnel to improve the safety and performance of generating facilities powered by gas turbines. Industry focus today on safety, outage management, and performance improvement—including starting reliability, fast starting, thermal performance, emissions reduction, and forced-outage reduction—is reflected in the lineup of proven solutions submitted this year.



2023 BEST OF THE BEST

Amman East Power Plant

Owned by AES Corp, Mitsui, and Neberas Power

Operated by AES Corp

- FAC encourages replacement of LP evaporator
- Overhead-crane lift safer with load display
- ACC washing system changes promote safer operation, improved performance
- Admin building HVAC operational improvement

Broad River Energy Center

Onward Energy

- Rigorous planning significantly improves outage results

H O Clarke, Topaz, and Braes Bayou

Owned by WattBridge

Operated by ProEnergy

- Modeling for successful proactive remote monitoring and diagnostics
- Seasonal shelters protect plant equipment in winter
- Roving work crews effectively support small onsite staffs

Exira Station

Owned by Western Minnesota Municipal Power Agency

Operated by Missouri River Energy Services

- Freeze-protection improvements assure high availability, reliable starts in winter

River Road Generating Plant

Owned by Clark Public Utilities

Operated by General Electric Gas Power

- HP steam drum leak repairs
- Operator in Training' program proves its value
- Operators receive reverse-osmosis specialist certification
- Racks simplify diaphragm handling, transport

Ventanilla Combined Cycle

ENEL Generación Perú

- Transformer monitoring in real time ensures reliable operation, improves safety
- HRSG tube cleaning restores lost performance
- Improved cooling tower water chemistry yields significant savings, environmental benefits
- Cooling tower upgrade enhances personnel safety, improves performance

2023 BEST PRACTICES FACILITIES

