

PowerFLX

SETTING THE STANDARD

100% TURNKEY WITH TURBINE, PACKAGE, AND BOP

Grid resilience demands significant expansion of dispatchable power generation. Built with the experience of an owner and operator, PowerFLX is a true turnkey, fast-start power solution delivered at a fraction of the cost and time of any comparable solution.

The PowerFLX standard eliminates variability with a compact, repeatable, and scalable 2x LM6000PC, 96 MW power block. The solution comes with the complete balance of plant (BOP)—including generator step-up transformer (GSU), fogging skid, anti-icing system, and a state-of-the-art emissions control—for resilient performance in both hot and cold environments and within stringent emissions regulations.

PowerFLX offers enhanced maintainability, built-in hydrogen capabilities, and BOP options that meet local fuel and water conservation requirements in any global market. Backed by performance guarantees, each installation harnesses our single-source EPC+ services and dedicated in-house crews to accelerate your road to dispatchable generation, from site preparation, to structural foundations, facility construction, and commissioning.

POWER STUDY

40 LM6000 UNITS
INSTALLED OVER 39 MONTHS
ACROSS 5 SITES

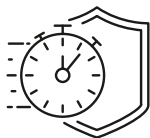
Despite supply chain disruptions, PROENERGY delivered power plants for one company at multiple locations in half the timeframe of typical EPC services.

50% FASTER OVERALL
 INCLUDING MORE THAN

4x FASTER
 for foundations

3.5x FASTER
 for setting major equipment

FAST
50%
 LESS TIME THAN
 TYPICAL EPC



AFFORDABLE
>35%
 LESS COST THAN
 TYPICAL EPC



SUSTAINABLE
35%
 H₂ FUEL
 CAPABLE



MEASURING UP TO DEMANDS

PowerFLX drives power resilience while accelerating renewable growth with a fast-start, dispatchable plant in a small, energy-packed footprint. Starting in 10 minutes or less, our solution appears virtually identical from one location to the next, and it makes the most of all resources, including land, with a leading energy density of 87 MW/acre. Its design includes selective catalytic reduction (SCR) and carbon monoxide reduction (COR) systems that cut NOx and CO emissions by 90 and 95 percent, respectively. Further, it currently enables hydrogen fuel blends of up to 35 percent by volume.

PowerFLX Specifications

Model	Net Output (kw)*	Net Heat Rate (Btu/kWh, LHV)*	Top of Stack Emissions with SCR/COR Systems		
			NOx	CO	NH ₃ Slip
PC	97,684	8,760	2.5	2.5	10
PD	90,882	8,425			

*Net values measured on the high side of the GSU with standard auxiliary and BOP losses. Based on a 60Hz natural gas application at ISO conditions (59oF, 60% RH, 0ft ASL). Actual performance will vary with project-specific conditions and fuel.

INCLUDED IN THE POWERFLX STANDARD

- Performance Augmentation
(Water-Spray Injection and Fogging)
- SCR/COR Systems
- Ammonia Storage
- Power Distribution Center (PDC)
- Water Storage
- Water Treatment
- Air Compressor
- Auxiliary Transformers
- GSU
- LV Switchgear
- Anti-Icing System
- Performance Guarantees and Warranty



MADE WITH PRIDE IN THE USA

We manufacture PowerFLX packages by transforming raw steel to installation-ready equipment. Completed entirely on campus, our process enlists skilled experts who fabricate, paint, and assemble 24 packages or more per year.

65+
**IDENTICAL PACKAGES
IN 4 YEARS**