

Freedom Power Platform (FPP)

Fuel Cell Backup Power Technology



Features:

- Smallest backup power footprint for an 8-hour runtime requirement
- Lowest acquisition cost and Total Cost of Ownership (TCO)
- 8 hour runtime solution fits into existing DPP cabinet on-site, avoids lease and civil costs
- Eliminates performance and replacement issues with batteries and generators
- Simple, low-cost maintenance

The Freedom Power Platform (FPP) is a patented retro-fit fuel cell solution designed to deliver non-stop TV, internet and phone service while meeting required FCC mandates.

Designed with a small footprint that yields huge advantages, the FPP boasts the lowest acquisition cost, as well as the lowest total cost of ownership, while providing the smallest backup power footprint and an impressive 8-hour runtime solution.

The FPP also integrates seamlessly into established network infrastructure. Unlike traditional backup power solutions, the FPP avoids leasing and civil costs while providing simple, low-cost maintenance for network operators. These factors will allow MSO's to modernize their networks and meet customer connectivity demands.

Freedom Power Platform			
	vs. Batteries	vs. Natural Gas (NG) Generator	vs. Liquid Propane (LP) Generator
Cost:	Avoids cost of additional cabinets, lease and permitting requirements, annual maintenance, frequent replacement, and disposal and transportation	Avoids cost of NG generator and additional cabinets, lease and permitting requirements, piping, maintenance and replacement parts, and starting battery replacement due to theft	Avoids cost of LP generator and fuel storage cabinets, LP bottles and fueling, lease and permitting requirements, maintenance and replacement parts, and starting battery replacement due to theft
Integration:	Requires additional cabinets (subject to run-time degradation and unanticipated failures)	Requires additional cabinets; subject to volatile NG pricing and failure-related downtime	Requires additional cabinets; subject to failure-related downtime
Labor:	Skilled labor required to wire multiple strings for desired runtime	Skilled labor required for trenching or infrastructure repair	Skilled labor required for installation and maintenance
Environment:	Avoids recycling cost	Avoids noise and emissions	Avoids noise and emissions



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