



STANDBY POWER CHECKLIST

Use this checklist to evaluate the key considerations for planning standby power applications



1 OPERATIONAL REQUIREMENTS

- Identify critical equipment and systems that require standby power
- Determine total power demand and peak load requirements
- Evaluate single-phase and three-phase power needs
- Define required runtime during an outage
- Identify automatic transfer switch requirements
- Assess future expansion or load growth expectations



2 FUEL SOURCE CONSIDERATIONS

- Compare diesel and natural gas fuel availability
- Evaluate onsite fuel storage requirements
- Review utility natural gas infrastructure access
- Consider fuel delivery logistics during extended outages
- Assess long-term fuel cost expectations



3 SITE CONDITIONS

- Review the installation location and available space
- Evaluate ventilation and cooling requirements
- Consider sound attenuation requirements
- Assess local emissions and permitting regulations
- Review exposure to weather and environmental conditions



4 RELIABILITY & REDUNDANCY

- Determine acceptable downtime thresholds
- Evaluate redundancy requirements for critical operations
- Consider load shedding and priority systems
- Assess maintenance accessibility and service intervals
- Review emergency response and support availability



5 COMPLIANCE & SAFETY

- Verify local code and regulatory requirements
- Review NFPA standards and other applicable standby power standards
- Confirm emergency lighting and life safety requirements
- Evaluate fire protection and fuel storage regulations



6 MAINTENANCE & OTHER SERVICES

- Establish preventive maintenance schedules
- Review remote monitoring capabilities
- Confirm parts and service support availability
- Plan for routine testing and inspection
- Evaluate long-term lifecycle costs

PLANNING TODAY FOR POWERING TOMORROW

Well-designed standby power systems help to protect operations, people, and productivity when the unexpected happens.

TALK TO A POWER SYSTEMS EXPERT

Contact our team to discuss the right power solutions for your needs.



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