PTX

STORM READY™

BUSINESS CONTINUITY & EMERGENCY POWER PLANNING GUIDE

PREPARE | PROTECT | POWER | RECOVER

HURRICANES • STORMS • UTILITY OUTAGES • DISASTER RECOVERY

PTX

POWER TRADE X

A DIVISION OF CES | CONST EQUIP SOLUTIONS LLC

POWERING YOUR SUCCESS.

POWERTRADEX.COM

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EXPERIENCED PEOPLE

SOLUTIONS THAT WORK

SUPPORT YOU CAN COUNT ON

OUR MISSION

At Power Trade X, our mission is to provide the business continuity power, and trusted emergency generation solutions you need to protect what matters most.

We partner with leading manufacturers and industry experts to deliver equipment and support that keep your operations running when the unexpected strikes.

Because when the lights go out, your success depends on the power you can count on.

QUALITY EQUIPMENT YOU CAN RELY ON

INDUSTRY EXPERIENCE YOU CAN TRUST

FAST RESPONSE WHEN IT MATTERS

PARTNERSHIP BUILT TO LAST

LETTER FROM THE FOUNDER

Dear Business Owner,

I have seen too many disruptions create unnecessary challenges, costs, and stress for businesses just like yours.

That's why I created this StormReady™ Guide—to help you build a plan, prepare your team, and protect your operations when it matters most.

The goal is to be ready, not reactive. With the right plan and the right partner, your business can weather any storm.

Let's stay ready. Power Trade X is here to help you prepare, protect, and power on.

Dan Thomsen

Dan Thomsen
Founder
Power Trade X

THE REAL COST OF DOWNTIME

Downtime isn't just an inconvenience—
it's expensive. Every hour your business is offline
can have a lasting impact on your operations,
reputation, and bottom line.

$10,000 – $250,000+
AVERAGE COST PER HOUR
Depending on industry
and business size

LOSS OF REVENUE
Missed sales, delayed
orders, and idle
equipment

PRODUCTIVITY
EMPLOYEE DOWNTIME
Idle teams cost money
and slow recovery

THE IMPACT OF ONE HOUR OF DOWNTIME

DAMAGED EQUIPMENT
Unexpected shutdowns can
cause equipment damage
and costly repairs

REPUTATION RISK
Missed commitments
can damage customer
trust and future sales

RECOVERY EXPENSES
Overtime, expedited shipping,
emergency rentals,
and cleanup costs

PTX PRO TIP

A solid plan and the right power solution
today can prevent major losses tomorrow.

BUSINESS CONTINUITY PLANNING

A strong plan today = a faster recovery tomorrow.
Follow these key steps to build your business continuity plan.

1

IDENTIFY CRITICAL FUNCTIONS

What systems, equipment, and operations are essential to your business?

2

RISK ASSESSMENT

What threats could disrupt your operations? (Storms, outages, supply chain, etc.)

3

DEVELOP A PLAN

Create response procedures, communication plans, and recovery priorities.

4

TEST YOUR PLAN

Conduct drills and simulations to ensure your plan works when it matters.

5

REVIEW & UPDATE

Review your plan regularly to reflect any changes in your business.

FROM DAN'S DESK

The best plans are simple, tested, and understood by your team. Don't overcomplicate it—just make sure it works when you need it.

Dan Thomsen

EMERGENCY GENERATOR PLANNING

Having the right generator—and a plan to use it—can mean the difference between a minor disruption and a major disaster.

Start with the right size, the right placement, and a clear plan for how it will power your critical operations.

KEY PLANNING CONSIDERATIONS

SIZE CORRECTLY

Calculate true power needs including starting loads and future growth.

SITE STRATEGY

Ensure proper placement for access, ventilation, fuel, and safety clearances.

RELIABILITY FIRST

Choose quality equipment with proven performance and local parts support.

TEST & MAINTAIN

Regular testing and maintenance ensure your generator is ready when you need it.

DOCUMENT PLAN

Document procedures, responsibilities, and vendor contacts before an event occurs.

PTX PRO TIP

The best generator in the world won't help if it's the wrong size, in the wrong place, or not ready when you need it.

DOCKING STATIONS

A docking station (generator connection panel) allows you to safely connect a portable generator to your facility's electrical system.

Properly designed and installed docking stations make connections faster, safer, and code compliant.

BENEFITS OF A DOCKING STATION

SAFETY
Prevents backfeed and protects personnel and equipment.

SPEED
Reduces connection time during an emergency.

RELIABILITY
Provides a secure, code-compliant connection every time.

CODE COMPLIANCE
Meets NFPA 70, NEC, and local code requirements.

PROTECTS INVESTMENT
Proper power transfer protects both your facility and your generator.

PTX PRO TIP

Install your docking station before you need it—during a storm is not the time to be planning an installation.

TEMPORARY POWER DISTRIBUTION

Effective temporary power distribution ensures that the right power gets to the right places—safely and efficiently.

From power distribution boxes to camlock cables, we help you build a distribution plan that keeps your operations running.

DISTRIBUTION BEST PRACTICES

BALANCE THE LOAD

Balance single-phase and three-phase loads to avoid overloads and voltage issues.

USE QUALITY EQUIPMENT

Use rugged cables, distribution boxes, and connectors rated for your environment.

PROTECT THE CIRCUIT

Use proper overcurrent protection and GFCI devices where required.

PLAN THE LAYOUT

Map out cable runs, protect from traffic and water, and clearly mark all connections.

PTX PRO TIP

Label everything. In a stressful situation, clear labeling can save time, prevent mistakes, and protect equipment.

FUEL PLANNING & MANAGEMENT

Fuel is the lifeline of your generator. Without it, even the best generator is useless. Plan ahead to ensure you have the right fuel, in the right quantity, stored safely and ready to use.

FUEL PLANNING CHECKLIST

- ☑ Determine generator fuel type (Diesel / Gas / Natural Gas)
- ☑ Calculate consumption at 25%, 50%, 75% & 100% load
- ☑ Identify minimum run time requirement (24 / 48 / 72+ hours)
- ☑ Size storage capacity to meet runtime requirement
- ☑ Ensure storage tank is inspected and maintained
- ☑ Test fuel quality regularly and rotate fuel as needed
- ☑ Maintain delivery contacts and resupply plan
- ☑ Comply with local fire codes and environmental regulations

DID YOU KNOW?

A generator running at 100% load can burn 200+ gallons of diesel per day. Know your consumption and plan your storage accordingly.

RECOVERY & RESTORATION

The storm may be over, but your work is not. A structured recovery plan helps your business return to normal operations as quickly and safely as possible.

Focus on safety, communication, assessment, and a phased restoration of power and critical operations.

RECOVERY ACTION PLAN

1

SAFETY FIRST

Ensure the area is safe for your team to return.

2

COMMUNICATE

Check in with employees, vendors, and key partners.

3

ASSESS DAMAGE

Evaluate facilities, equipment, and power systems.

4

RESTORE POWER

Reconnect critical systems and test generator operation.

5

RETURN TO NORMAL

Resume operations in phases and document lessons learned.

PTX PRO TIP

The faster you assess and communicate, the faster you recover.

STORM*READY*™ SCORECARD

Use this quick scorecard to evaluate your readiness. The higher your score, the better prepared you are.

BE PREPARED.
STAY PROTECTED.
KEEP THE POWER ON.

Powering Your Success.

HOW TO SCORE

Rate each category from 1 to 5

- 1 = Not Started
- 2 = Basic
- 3 = Moderate
- 4 = Strong
- 5 = Fully Prepared

CATEGORY	SCORE (1-5)
Emergency Generator Planning	
Docking Stations	
Temporary Power Distribution	
Fuel Planning & Management	
Business Continuity Plan	
Communication Plan	
Testing & Maintenance	
Recovery Plan	
TOTAL SCORE	/ 40

YOUR READINESS LEVEL

0 – 15
At Risk
Immediate action recommended.

16 – 30
Improving
Good progress—focus on gaps and weaknesses.

31 – 40
StormReady™
Excellent! You're well prepared.

SCAN TO ACCESS TOOLS, CHECKLISTS AND RESOURCES

FACILITY INFORMATION
WORKSHEET

Accurate facility information is the foundation of a solid emergency power plan.

Fill in the information below to help assess your power needs, infrastructure, and recovery requirements.

FACILITY DETAILS

Facility / Company Name: _____

Facility Address: _____

_____

City: _____ **State:** _____ **Zip:** _____

Primary Contact Name: _____

Title: _____

Phone: _____ **Email:** _____

Secondary Contact Name: _____

Title: _____

Phone: _____ **Email:** _____

FACILITY PROFILE

Type of Facility:

- ☐ Industrial
- ☐ Healthcare
- ☐ Commercial
- ☐ Education
- ☐ Government
- ☐ Other: _____

Square Footage: _____

Number of Buildings: _____

Number of Floors: _____

Year Built: _____

SITE INFORMATION

Utility Provider: _____

Normal Utility Voltage: _____

Phase: ☐ Single Phase ☐ Three Phase

Service Entrance Amps: _____

Dual Feed: ☐ Yes ☐ No ☐ No

Automatic Transfer Switch: ☐ Yes ☐ No

If Yes, Size (Amps): _____

Switch Type: _____

CRITICAL LOAD INVENTORY
WORKSHEET

Identify the systems, equipment, and processes that are critical to your operations. Determine the required power and how long each load must run during an outage.

ITEM / EQUIPMENT	DESCRIPTION	VOLTAGE (Ph/Volts)	RUNNING KW	STARTING KW	PRIORITY (1-High, 2-Med, 3-Low)	RUNTIME REQUIRED (Hours)
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						

PRIORITY GUIDE

1 HIGH

Essential for life safety, operations, or to prevent major damage.

2 MEDIUM

Important to operations but can be delayed short-term.

3 LOW

Non-essential loads that can be offline during an outage.

NOTES

GENERATOR REQUIREMENTS
WORKSHEET

Use the information from your Critical Load Inventory to determine your total power requirements and the right generator solution.

LOAD SUMMARY

Total Running Load (kW): _____

Total Starting Load (kW): _____

Total Demand (kW): _____

Recommended Power Factor:

☐ 0.8 ☐ 0.9 ☐ 1.0

Total Required kVA: _____

GENERATOR RECOMMENDATION

Recommended Generator Size (kVA): _____

Standby Power (kW): _____

Prime Power (kW): _____

Voltage: _____

Phase: ☐ Single Phase ☐ Three Phase

Frequency: ☐ 60 Hz ☐ 50 Hz

Mobility Required: ☐ Portable ☐ Stationary

Emissions Tier: ☐ Tier 4 Final ☐ Tier 3 ☐ Tier 2

Fuel Type: ☐ Diesel ☐ Natural Gas ☐ Dual Fuel

APPLICATION CONSIDERATIONS

- ☐ Future expansion planned
- ☐ Paralleling capability required
- ☐ Sound attenuation required
- ☐ Extreme weather protection needed
- ☐ Remote monitoring required
- ☐ Other: _____

PTX PRO TIP

Choose a generator with 20–25% additional capacity above your total demand to accommodate starting surges, future growth, and unforeseen loads.

DOCKING STATION ASSESSMENT

A properly installed docking station ensures safe, fast, and reliable connection of your portable generator to your facility.

EXISTING DOCKING STATION

Docking Station Installed: ☐ Yes ☐ No

Manufacturer: _____

Model: _____

Location / Area: _____

Connection Type: _____

Amp Rating: _____ **Voltage:** _____

Phase: ☐ Single Phase ☐ Three Phase

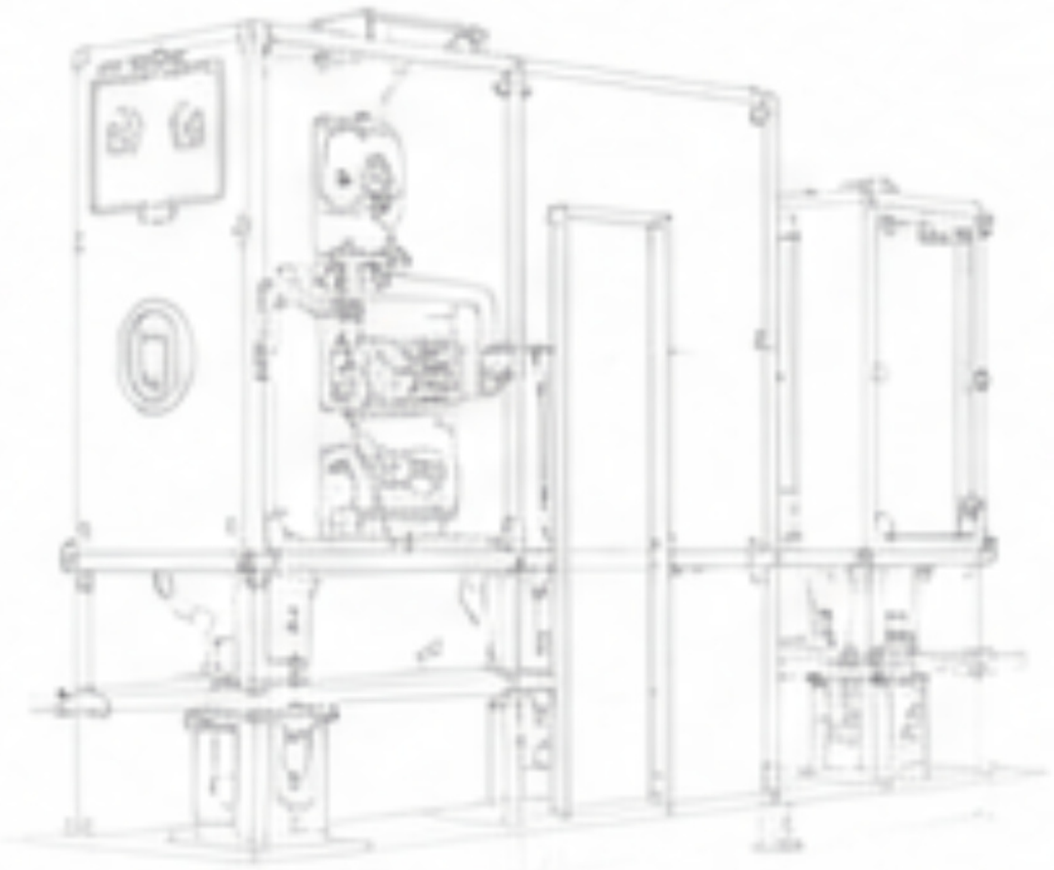
Last Inspected / Tested: _____

Condition: ☐ Excellent ☐ Good ☐ Fair ☐ Poor

DOCKING STATION NEEDS

- ☐ New docking station required
- ☐ Upgrade existing station
- ☐ Additional capacity needed
- ☐ Weatherproof enclosure needed
- ☐ Camlock connections needed
- ☐ Load bank testing needed
- ☐ Other: _____

NOTES / RECOMMENDATIONS



ELECTRICAL INFRASTRUCTURE ASSESSMENT

Evaluate your facility's electrical system to ensure it can safely handle emergency power.

SYSTEM OVERVIEW

Main Service Amps: _____

Main Breaker Size (Amps): _____

Electrical System Type: _____

Distribution System: _____

Grounding System: _____

Surge Protection: ☐ Yes ☐ No

Date of Last Electrical Inspection: _____

TRANSFER SWITCH

Transfer Switch Installed: ☐ Yes ☐ No

Type: ☐ Automatic ☐ Manual

Manufacturer: _____

Model: _____

Amp Rating: _____

Voltage: _____

Phase: ☐ Single Phase ☐ Three Phase

Location: _____

ELECTRICAL INFRASTRUCTURE CHECKLIST

- ☐ Main breakers sized appropriately
- ☐ Wiring in good condition
- ☐ Panelboards labeled and documented
- ☐ Transfer switch tested and functional
- ☐ Grounding system adequate
- ☐ Surge protection installed
- ☐ Backup power circuits identified
- ☐ Critical loads separated
- ☐ Arc flash analysis completed
- ☐ Other: _____

PTX PRO TIP

Regular inspections and testing of your electrical infrastructure reduce risk and improve recovery time.

FUEL PLANNING
WORKSHEET

Fuel is critical to keeping your generator running when you need it most.

FUEL REQUIREMENTS

Generator Size (kW): _____

Fuel Type: ☐ Diesel ☐ Natural Gas ☐ Dual Fuel

Fuel Consumption at 25% Load: _____ (GPH / SCF)

Fuel Consumption at 50% Load: _____ (GPH / SCF)

Fuel Consumption at 75% Load: _____ (GPH / SCF)

Fuel Consumption at 100% Load: _____ (GPH / SCF)

Daily Runtime Requirement (Hours): _____

Total Daily Fuel Needed: _____ (Gallons / SCF)

Planned Runtime (Days): _____

Total Fuel Needed for Plan: _____ (Gallons / SCF)

FUEL STORAGE

On-Site Fuel Storage Capacity: _____

Fuel Storage Location: _____

Secondary Storage Available: ☐ Yes ☐ No

Supplier / Vendor: _____

Delivery Lead Time: _____

Fuel Testing Schedule: _____

Fuel Polishing / Maintenance Plan: _____

FUEL PLANNING CHECKLIST

- ☐ Adequate fuel supply on hand
- ☐ Fuel storage meets code
- ☐ Fuel quality testing scheduled
- ☐ Supplier contracts in place
- ☐ Delivery plan confirmed
- ☐ Spill containment in place

PTX PRO TIP

Diesel fuel should be treated and rotated regularly.
Plan for at least 72 hours of fuel on-site.

RECOVERY PLANNING WORKSHEET

Having a recovery plan in place helps you resume operations as quickly and safely as possible after a storm or outage.

RECOVERY STRATEGY

Primary recovery contact: _____

Alternate contact: _____

Emergency response vendor: _____

Equipment supplier contact: _____

Fuel supplier contact: _____

Utility company contact: _____

Insurance provider: _____

RECOVERY PRIORITIES

Rank the following (1 = Highest Priority)

ITEM	PRIORITY (1-6)
Employee safety	
Critical operations	
Customer communication	
Power restoration	
Equipment inspection	
Facility repairs	

RECOVERY RESOURCES

Available generators: _____

Available docking stations: _____

Fuel availability (gallons): _____

On-site personnel available: _____

Rental partners: _____

Service providers: _____

Staging area location: _____

Other resources/notes: _____

PTX PRO TIP

The faster you assess and act, the faster you recover. Pre-plan your recovery to reduce downtime and financial impact.

STORM*READY*™ READINESS CHECKLIST

Use this checklist to evaluate your preparedness across all critical areas.

	YES	NO	IN PROGRESS
PLANNING			
• Business continuity plan is documented	☐	☐	☐
• Emergency contacts are up to date	☐	☐	☐
• Roles and responsibilities are assigned			
EQUIPMENT			
• Generator is properly sized	☐	☐	☐
• Generator is tested regularly	☐	☐	☐
• Maintenance is up to date			
POWER INFRASTRUCTURE			
• Docking station installed and tested	☐	☐	☐
• Transfer switch operational	☐	☐	☐
• Distribution system inspected			
FUEL			
• Fuel supply is adequate	☐	☐	☐
• Fuel storage is compliant	☐	☐	☐
• Fuel rotated and maintained			
COMMUNICATION			
• Communication plan is documented	☐	☐	☐
• Team notification process is tested	☐	☐	☐
• Vendor contacts are current			
TRAINING & TESTING			
• Staff trained on emergency procedures	☐	☐	☐
• Drills are conducted regularly	☐	☐	☐
• Lessons learned are documented			

PTX PRO TIP

Being prepared isn't just about equipment—it's about people, processes, and planning.

FINAL STORM*READY*™ READINESS CHECKLIST

Use this final checklist to confirm your organization is ready for whatever the storm brings.

CATEGORY	READY?	
PLANNING Business continuity plan is complete and communicated.	☐ YES	☐ NO
EQUIPMENT Generators, docking stations, and transfer systems are tested and ready.	☐ YES	☐ NO
POWER INFRASTRUCTURE Electrical systems are inspected and capable of supporting critical loads.	☐ YES	☐ NO
FUEL Fuel supply is adequate, stored safely, and rotated regularly.	☐ YES	☐ NO
COMMUNICATION Communication plan is tested and emergency contacts are current.	☐ YES	☐ NO
TRAINING & TESTING Staff trained, drills completed, and lessons documented.	☐ YES	☐ NO
RECOVERY Recovery plan is in place and resources are identified.	☐ YES	☐ NO

WE ARE STORMREADY™
Prepared. Protected. Powered.

STORM*READY*™
READINESS SCORECARD (DETAILED)

Score each category based on your level of readiness.

PLANNING
Business continuity, documentation, and role assignment.

EQUIPMENT
Generator sizing, testing, and maintenance.

POWER INFRASTRUCTURE
Docking stations, transfer switches, and electrical systems.

FUEL
Fuel supply, storage, and management.

COMMUNICATION
Communication plans, contacts, and notification systems.

TRAINING & TESTING
Staff training, drills, and lessons learned.

RECOVERY
Recovery planning, resources, and strategy.

CATEGORY	SCORE (1-5)	NOTES / ACTION ITEMS
	☐ 1 2 3 4 5	
	☐ 1 2 3 4 5	
	☐ 1 2 3 4 5	
	☐ 1 2 2 4 5	
	☐ 1 2 3 4 5	
	☐ 1 2 3 4 5	
	☐ 1 2 3 4 5	
	☐ 1 2 3 4 5	

SCORING KEY

1 – NOT STARTED
Little to no preparation in place.

2 – BASIC
Some plans and processes identified.

3 – MODERATE
Several plans and processes in place.

4 – STRONG
Most plans and processes complete.

5 – FULLY PREPARED
Fully prepared and tested regularly.

OVERALL READINESS SCORE

/ 35

NEXT STEPS

ABOUT POWER TRADE X

Power Trade X is a modern power solutions marketplace built on experience, integrity, and a passion for helping businesses stay powered when it matters most.

We specialice in mobile and stationary generators, docking stations, load banks, transformers, and power distribution equipment. Our team works with leading manufacturers and industry experts to deliver the right equipment and support for your unique needs.

EXPERIENCED PEOPLE

PROVEN SOLUTIONS

EXPERT SUPPORT

TRUSTED PARTNERSHIPS

COMMITTED TO YOUR SUCCESS

OUR COMMITMENT

We are committed to providing reliable equipment, expert advice, and unmatched support to help you prepare, protect, and power your business.

CONTACT US

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BE PREPARED.
STAY PROTECTED.
KEEP THE POWER ON.

Powering Your Success.

Thank you for trusting Power Trade X as your partner in emergency power planning and business continuity.

Stay StormReady™.

We're here when you need us.

PTX
POWER TRADE X®

SCAN TO ACCESS
TOOLS, CHECKLISTS,
AND RESOURCES