



# Contingency Planning with Trane Rental Services

Minimizing risk when the unexpected happens

## The Right Plan Can Provide of Peace Mind

### Know your risk and be prepared

From natural disasters to everyday mechanical failures, all facilities face some level of risk due to power or HVAC equipment failure.

A failure could result in anything from minor discomfort due to lack of temperature control to losing hundreds of thousands of dollars due to lost productivity. Knowing what you have at risk can help you decide the level of planning that is warranted.

Many companies work diligently to make sure their facilities have proper evacuation and safety plans. However, few think about what it will take to get the facility back up and running if something were to happen to their mechanical or electrical systems.

This is why Trane has developed our Contingency Planning Process. It will walk you through the steps to determine the financial risks associated with losing control of your indoor environment and which types of outages present the highest risk.

When it comes to emergencies, we all understand the importance of having a plan and practicing it. These practices help us react quickly during stressful times and are designed to help protect your most valuable assets.

### Program benefits

With a contingency plan, you gain control and peace of mind knowing that your facility can withstand any disaster and be back up and running quickly. Disruptions can occur at any time. Being prepared in advance has many benefits:

- Shortening the time needed to acquire, install and start up temporary power or HVAC systems. In addition, having the paperwork completed in advance further reduces delivery time.
- Ensuring that all parties involved in dealing with the outage are aware of their roles and are trained in the processes and actions needed to deal with the problem.
- Lowering the total cost of the temporary solutions because any necessary building modifications can be scheduled, instead of being performed under emergency conditions.
- Reducing startup delays caused by oversights or problems resulting from improvised designs.
- Improving a facility's operations by identifying and reducing any weaknesses in the system.



### Permanent commitment even if your need is temporary.

Trane is a leader in creating comfortable and productive indoor environments. Our Rental Services group uses this same industry-leading expertise in developing our temporary solutions. These temporary solutions can make all the difference if your facility ever experiences an unexpected loss of power or heating, ventilating, and air conditioning (HVAC) capabilities.

From providing a safe and comfortable work environment to ensuring your equipment stays in working condition, we work with you to prepare your facility to get power and HVAC equipment back up and running fast.

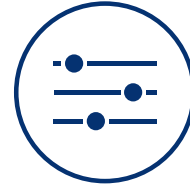
## Building Your Plan

Our goal is to build a plan that is right for you and your facility—and do it quickly and efficiently, so as not to interrupt your daily operations. Trane rental account managers will work with your team to build a comprehensive plan.



### Step 1 – Financial Risk Analysis

The contingency process begins by reviewing the different functional areas of your facility, their dependence on HVAC and power equipment, and the various impacts a loss could present. By understanding the importance of these items to your operations and quantifying their financial impact, we can determine the areas that need to be considered.



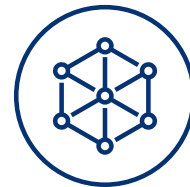
### Step 4 – Prioritization

We evaluate your most critical facility loads and process needs for essential operations, prioritizing those with the highest financial implications. We can discuss water pressure, load prioritization and/or load shedding to reduce the amount of capacity required. For example, for a short time you may be able to operate with higher air temperatures in certain areas and shut others down.



### Step 2 – Risk Assessment

We identify the potential causes—even unobvious ones—for an interruption and rank them based on the consequential severity, cost impact, probability of occurrence, and system downtime.



### Step 5 – System Connection

Meticulously observing how and where connections are made saves time and money in an emergency. Care is taken to choose locations that are easily accessible and require the least amount of temporary installation material to keep additional costs to a minimum. Any potential support services (e.g., forklifts, mechanical contractors, pipe fitters) that will need to be enlisted are also identified.



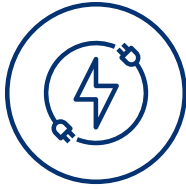
### Step 3 – Equipment Identification

Your dedicated Trane Rental Specialist works with you to document all equipment in your HVAC and power systems, including their operating conditions. This process often uncovers system weaknesses that need to be addressed prior to implementation of the emergency plan.



### Step 6 – Power Availability

The need to document the available voltage(s) and amperage is vital because a transformer or generator may be required. Even if your power has not been affected, some temporary units like a chiller rental or supplemental HVAC unit may require more power than the existing units.

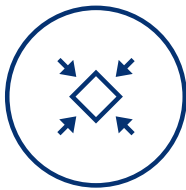


### Step 7 – Electrical Connection

Whether existing electrical service is adequate or new electrical service will be installed, we will establish the location of the temporary electrical connection(s) and how they will be made.

### Step 9 – Plan Creation

Your Trane Account Manager will provide your organization with a written plan proposal. Included are the recommended temporary equipment solutions, the total investment required, and detailed roles and responsibilities for internal and external resources and responsibilities. The core of this plan can often be produced within hours of the on-site visit.



### Step 8 – Temporary Equipment Location

Equipment location is important for determining how much electrical cable, chilled water hose and/or flex duct will be required. We will also consider safety of the public and personnel, security, ease of placement, equipment clearances, structural loads, ground firmness and level, noise, emissions (generator), public visibility, auto and pedestrian traffic, permits, and many other things to minimize the impact on normal operations.

### Step 10 – Implement and Review

To expedite the ordering and delivery of a temporary HVAC/power system in an emergency, it is important to make sure that all documents, such as purchase orders and rental agreements, are completed, and all recommended building modifications (e.g., adding access valves for large pipes, breaker panels, wiring, bypass valves) are made. Once we provide operational training, we recommend that the plan be reviewed by all key personnel at least annually or whenever relevant facility changes are made.



With strategic locations throughout North America, we are well equipped to deliver fast!

**Contact us 24/7 at 800.755.5115**

## A Fleet of Products at the Ready

Trane is a leading manufacturer of HVAC equipment and offers these same products for temporary applications to better serve our valued customers. Trane has assembled one of the largest and most advanced fleets of rental equipment in the industry. Our fleet is comprised of chillers, package units, air-handlers, cooling towers and diesel generators—essentially everything you need to create a temporary HVAC or power system running fast.



### Air-cooled Chillers 10-500 Ton

Equipped to provide quick restoration of cooling in emergency and planned shutdown situations.



### Water-cooled Chillers 225-1000 Ton

Ideal for large process and comfort cooling applications where adequate power is a concern.



### Cooling Towers 250-1000 Ton

Used to provide cooling for water-cooled chillers or directly for some process cooling applications.



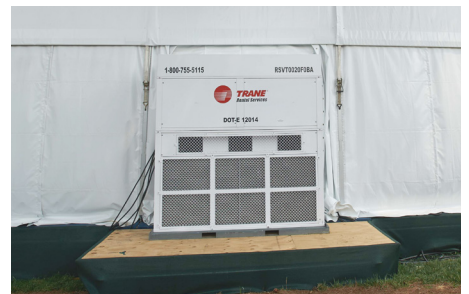
### Air Conditioning Units 10-80 Ton

Restore cooling in an emergency or provide cooling for previously unconditioned spaces.



### Air Handling Units 5,000-25,000 CFM

Perfect for providing air conditioning to very large spaces where high efficiency filtering is required.



### Vertical Air Conditioning Tent Units 10-30 Ton

Designed to cool and heat structures where footprint and noise output are a concern.



## Temperature Control

We have taken the Trane HVAC equipment you have grown to trust and made the necessary adjustments to make it easy to transport and set up. In addition, we have factory-trained technicians inspect and quality check every unit when it returns so that it is ready to perform at its best when a need arises.

Having a contingency plan can drastically reduce downtime and save you money. For a national telecommunication company this meant saving their business. The company's equipment had failed Wednesday night, and on Thursday morning the contingency plan was executed, saving their operations and a significant financial loss.

## **We are here for you wherever and whenever you need us**

Our team of account managers, engineers, service technicians and logistics professionals are ready to help build a contingency plan for you: a plan that, when activated, can rapidly transform the equipment you need into a smoothly functioning system that will exceed your expectations.

The temporary equipment used for your contingency plan is backed by the same strong network of service technicians and OEM technical support that work on permanently installed Trane equipment. This network consists of over 2,600 technicians working out of 140 sales and service offices throughout North America.

Trane temporary equipment is stored in facilities across the Americas, resulting in faster delivery when you need it most.

**Trane Rental Services** is available 24/7/365 for technical support, quotes and inquiries regarding availability. With our round-the-clock support, we can also offer shipments on weekends, holidays and after normal business hours.

Learn more at [trane.com/rentalservices](https://trane.com/rentalservices)



Trane – by Trane Technologies (NYSE: TT), a global climate innovator – creates comfortable, energy efficient indoor environments through a broad portfolio of heating, ventilating and air conditioning systems and controls, services, parts and supply. For more information, please visit [trane.com](https://trane.com) or [tranetechnologies.com](https://tranetechnologies.com).

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