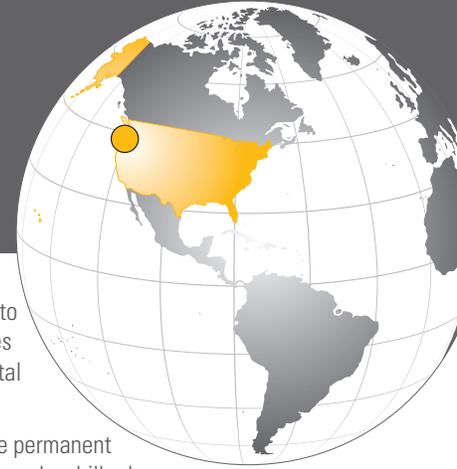


**PETERSON****CAT**

CASE STUDY • OREGON USA

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# PETERSON POWER HELPS A HOSPITAL IN OREGON



In the summer of 2016, a broken chiller at a hospital in Oregon caused immediate attention. If the hospital were to get too warm, care providers would be forced to move patients to other facilities; however, no additional facilities were available. With temperatures soaring to 100 degrees in the summer, a chiller is highly necessary in a hospital and has to perform 100% of the time to provide air conditioning and cold water.

Peterson Power Systems agreed to help the hospital solve their chiller problem by providing a rental unit until the permanent unit could be repaired. The project became challenging because the existing chiller was located in the basement, and a chiller hose was needed to make the necessary connections. The power to connect the existing chiller went through three different walls and various rooms before it could reach the electrical room. Another obstacle was the amount of space the new chiller took up. The replacement chiller had to be parked in the emergency entrance, which also took several parking spaces.

The 4/0 single conductor camlock power cable (type w) was run over the top of the hospital's gabled entrance, and security fencing was placed around the unit to protect the chiller hose and pump, and to prevent anyone from being injured.

The electrical power cable was routed through several mechanical rooms at the hospital, until it reached the electrical room. However, the cable, which was outside and exposed to the 100+ degree heat, along with the load of the chiller, caused the building breaker to overheat and trip. Peterson Power took action and sent technicians to set up an 800kW generator set to run the chiller temporarily. Peterson also provided fueling and startup services apart from the equipment and technicians.

The hospital was able to maintain the operation of its entire facility thanks to Peterson Power having the right equipment, knowledge, and expertise. The hospital chose Peterson Power because Peterson has proven its abilities through other services provided for the hospital's permanent generators. Peterson Power was also known to them through our participation in the Oregon Emergency Management Association (OEMA). Customers can find comfort for their operations, knowing that they can make one phone call and have their needs taken care of.

*"During the hottest day of the year, our Electrical Distribution System struggled to supply enough power to the chiller to operate at its fullest capacity. Within four hours of my call, Eric and Peterson Power Systems were able to deliver an 800kW generator onsite and supply full power to the chiller. The 400-ton mobile chiller and mobile generator set provided the capacity needed to maintain the cooling requirement of our entire hospital facility. Peterson Power's competent staff took care of the entire setup of this temporary installation, which was not a simple undertaking by any means."*

*Peterson Power is professional and service-oriented. Because of their performance in situations like these, Eric Plebuch and Peterson Power Systems have earned my trust."*

Hospital Facilities Manager

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## TEMPERATURE CONTROL & COMPRESSED AIR SOLUTIONS

Peterson offers an array of temperature control and compressed air equipment for sale or rent, which includes everything from portable and industrial cooling systems to chiller systems. With over 14,000 tons of temperature control equipment, we can offer prepackaged or customized solutions to your needs. Our inventory includes chillers, cooling towers, heavy-duty portable pumping packages, condensing and air handling split packages and more.

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