

Pacificcorp Gadsby Peaker Station Salt Lake City



In November 01, Munters won a contract for three fogging systems, turnkey installed. The three LM 6000 sprint gas turbines are installed in Salt Lake City, USA. Commissioning was finished in July 02.

Ex works delivery started in December 01, and the nozzle arrays were installed in the prefabricated air ducts prior to Christmas 01. Munters designed, constructed, manufactured, packed and delivered the fogging skids in February 02.

The fogging systems cool the air by increasing the humidity to the set humidity (usually 100 %) down to a minimum of 7 °C. Due to the harsh environment, emphasis was given to a fully automatic system including frost protection of the pump and the water

system. A pumpskid consists of a stainless steel frame, a control cabinet with PLC, the frequency controlled pump, filter, instrumentation and piping.

Power increases of more than 8 MW/unit were measured at difference temperatures of more than 18 °C between dry and wet bulb temperature in August 02.

The MUNTERS High Pressure Fogging Systems do operate between 1500-2200 psi, contain of five nozzle arrays and adjust „seamless“ exactly to the required water flow necessary to saturate the air up to the set humidity. Through a TCP/IP link, all important operation data can be monitored by the control room.