

Project:

Process Cooling Solution for
hydrogen gas cooling

Client: Atura Power

Year: 2023








Solution: Three Outdoor chiller
systems with a central chiller
tank and process pump



Features:

- Three 198TR R-407c charged Outdoor air cooled chiller systems
- Two Compressors
- Dual circuit shell and tube Evaporator
- Air-cooled condenser (dual circuited)
- Two High Pressure Receivers
- An outdoor common chiller tank
- Five centrifugal pumps
- Glycol loop
- Noise jacket on compressors
- Freight to site

Highlights:

-  Custom Engineered
-  Air Cooled
-  Factory Tested
-  Touch Screen HMI
-  Start-up
-  PLC System
-  Insulation

Supply of Three Outdoor air cooled chiller systems with a central chiller tank for hydrogen gas cooling. Scope of supply included: Three 198TR R-407c charged Outdoor air cooled chiller systems, two Compressors, a Dual circuit shell and tube Evaporator, a air-cooled condenser (dual circuited), two High Pressure Receivers, an outdoor common chiller tank with five centrifugal pumps, Glycol loop, Noise jacket on 6 compressors, Electrical Control Panel, and PLC system with touch screen HMI. Service included Start-up, freight to site, insulation, factory-testing.