

ET Summit 2021

Presented by





Emerging Technologies Projects – Food Processing

November 2021

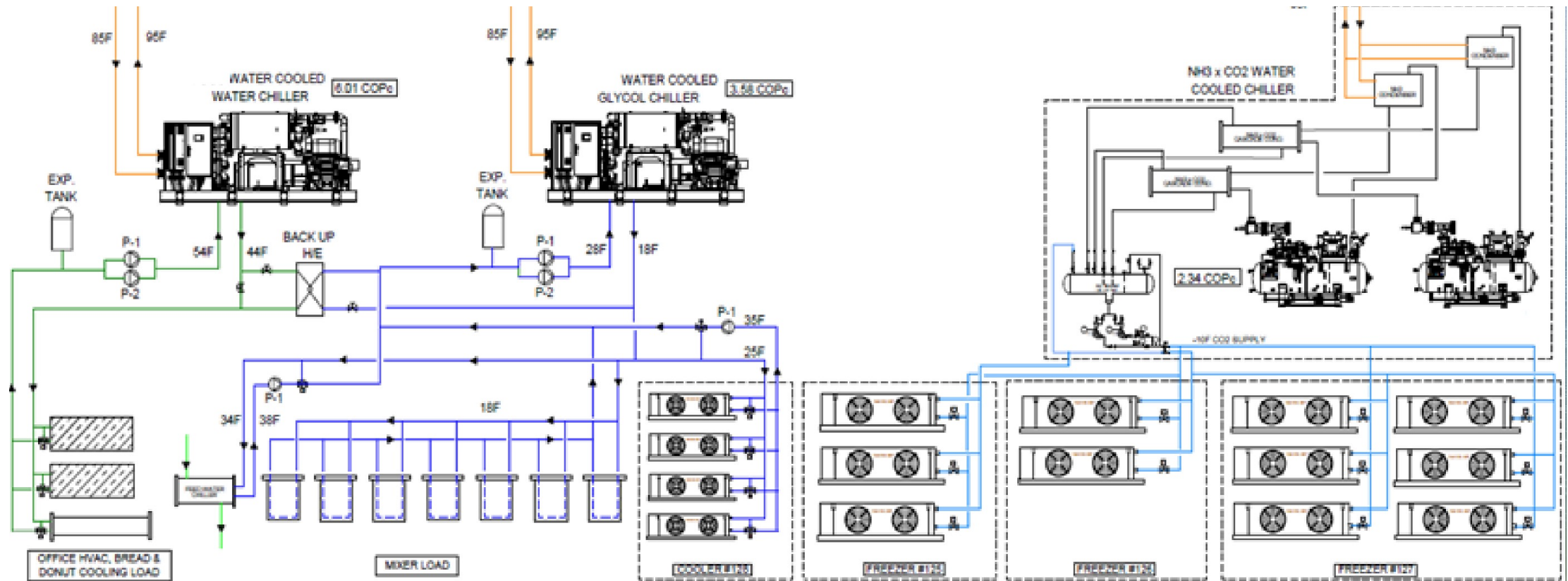
Ammonia/CO2 Refrigeration System

- Replaced a R-507a System in a 2100 sq.ft. Freezer
 - Non-GWP Refrigerants
- 16 – 25% Energy Savings
- Status – Report Complete
 - <https://www.etcc-ca.com/reports/ammoniaco2-refrigeration-system-evaluation-food-processing-facility>



Ammonia/CO2 Refrigeration System

- Replace R-22 and 410a Systems in a Commercial Bakery
- Non-GWP Refrigerants
- Status – Report Due End of 2022



All-Electric Truck & Trailer Refrigeration Unit Plug Load Evaluation

- Plug-In Power to Replace Diesel Engine
- Tractor & Trailer-Mounted Photo-Voltaics
 - Including batteries
- Drop-In Low Global Warming Potential Refrigerants
- Study Will Evaluate Cost and Savings
- Status – Project Started



All-Electric Demonstration Commercial Kitchen Cal State University Dominguez Hills

- Located in Suburban Los Angeles
- Provides Local Customers With a View of a Fully Electric Kitchen
- Classes Expose Future Chefs to Electric Appliance
- Status – Construction Complete



Questions?

Energy for What's Ahead®

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