



plus storage cogeneration system.

and stores the heat, and converts it into on-demand

electricity by heating a cool organic fluid via a heat

and later recycled/disposed.



# **Icarus RT Solar Panel Heat Extractor** Alora Aguilar, Christian Ramirez



### **Fabrication Process**



- A panel was obtained and measured out to cover the back surface of the PV panel.
- Headers were installed at the top and bottom of the heat extractor panel to allow water to fill the channels of the panel.
- Fittings were installed to allow system plumbing
- Panel was tested to ensure functionality and placed onto the back of the PV panel to begin further testing of the overall system.
- The final design was the culmination of several months of work at Icarus, testing and re-visiting numerous designs and materials.

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