

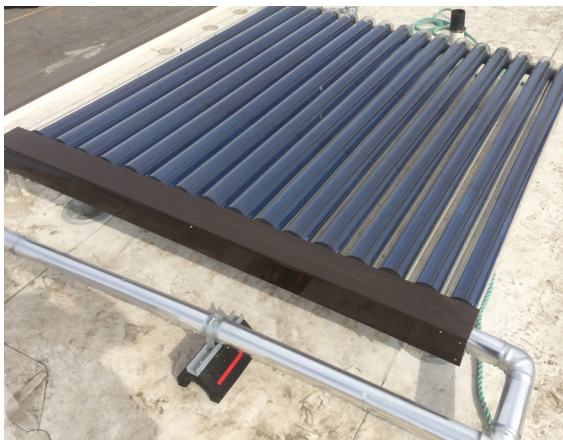
NRG Little House & Station A

NRG is one of the largest American retail energy companies. The Station A and Little House buildings at the decommissioned Potrero power plant on the San Francisco Bay, are sites for NRG’s development of Micro grids. Station A is a warehouse that has been converted into a high end office. Inside is a group of NRG scientists and engineers who are working towards developing tomorrow’s energy infrastructure. The idea is to develop small, efficient microgrids as opposed to continent wide power grids. The systems we helped design and build for them are part of the future of energy. The Station A folks of NRG are a hands on group that will be testing these systems for research and learning how to move this technology to the general public.



Little House System Details:

Solar Hot Water & Radiant Heating	
Tank Size	120 Gallons
Collectors	Evacuated Tubes
Radiant Loop Backup	220V Hot Water Heater
Controls	Heliodyne BMS
Target Building Temperature	75 Degrees Fahrenheit



Station A System Details

Solar PV & Battery Backup	
Collectors	66 LG PV Panels
Inverters	(3) SMA Sunny Boy Inverters (3) SMA Sunny Island Inverters
Battery	(3) Aquion 48V Batteries
Monitoring	SMA Monitoring System

Solar Radiant Heating	
Tank Size	262 Gallons
Collectors	(5) Heliodyne 4 x 10 collectors
Controls	Heliodyne BMS