



**CARBON FREE ZONE**  
Your Sustainability Resource



Call (813) 480-2810, 24/7  
[www.carbonfreezone.com](http://www.carbonfreezone.com)

## Line Card of Products & Services

### Equipment

- **SunQuest 250™:** Best in class, US Patented high-output evacuated tube solar thermal panels powered by UV rays that provide outstanding performance on cloudy days
- **PV Solar Panels:** Highest quality 650W Canadian, German, Swiss or Israeli made
- **Desalination Plants:** State of the Art RO technology with “OFF THE GRID” capability
- **LED Lighting:** Top quality indoor/outdoor commercial units
- **Solar UV A/C-Heat Split Units:** .75-to-2.0-ton cooling with heat split
- **Chiller Flow Valves:** Installed at each air handler; up to 60% electrical savings per chiller
- **ORC Waste Heat Turbines:** Utilizing waste heat to create free electricity
- **Micro-Turbines:** 75, 150, 200 and 250kW; steam, natural gas, propane, hydrogen or biogas
- **MW Turbines:** 1-16 MW models; steam, natural gas, propane, hydrogen, kerosene or biogas
- **Absorption Chillers:** Powered by waste heat or turbines listed above
- **Thermal Ice Storage:** Makes ice in off-peak nighttime hours for daytime cooling
- **Thermal Heat Storage:** Stores waste heat for process, DHW or space heating
- **Linear Generators:** 250kW high efficiency natural gas units, ITC /IRA compliant
- **Digesters:** Onsite biogas production from waste-to-power turbines or linear gensets
- **High-Efficiency Boilers:** Steam or hot water; combine with solar thermal as tax credit renewable
- **Air-to-Water Technology:** Converts humidity to sterile **water**; great for humid locations
- **Hydrogen Fuel Cells:** 150-500kW units; powered by hydrogen gas or methane/water mixture
- **Hydrogen Electrolyzer:** Produces up to 270kg of Hydrogen per unit, per day
- **EV-H2 Combination Refueling Stations:** US Patent Pending; 100% carbon free (individual EV or H2 units also available)

### Services

- **Sustainability Consulting:** Provide guidance on strategies and reporting related to the decarbonization economy
- **Energy and Carbon Audits:** Complete carbon footprint analysis with recommended feasibility study
- **Carbon Credits:** Sales and information on verified credit offerings
- **Feasibility Study:** Follows audits with recommended MTD in-house solutions including fully engineered and stamped drawings
- **Training:** Renewable Energy, Hydrogen Energy, Carbon Credits, Climate Reporting Mechanisms, etc.
- **Commercial Loans and Leasing:** For renewable projects as well as other equipment needs
- **C-PACE Financing:** Available in 39 states. Treated as an asset improvement with no debt on balance sheet; Lender is paid via tax assessment that remains with the property regardless of owners ip changes
- **PPA:** Power Purchase Agreement. Projects are completed and maintained at no cost to customers. Customer pays a substantially reduced rate for energy for the length of the contract