
THE PATH TO NET-ZERO ENERGY
How DPR's Living Labs are Pioneering Net-Zero Energy Building Certification

International Living Future Institute (ILFI) net-zero certified projects

- BALTIMORE
- WASHINGTON, D.C.
- RICHMOND
- RALEIGH-DURHAM
- ORLANDO
- TAMPA
- WEST PALM BEACH
- ATLANTA
- HOUSTON
- DALLAS
- AUSTIN
- DENVER
- SACRAMENTO
- SAN FRANCISCO
- REDWOOD CITY
- SAN JOSE
- PASADENA
- NEWPORT BEACH
- SAN DIEGO
- PHOENIX
- BOSTON
- NEW JERSEY

DPR Construction has embraced the net-zero energy challenge

NET-ZERO PROJECTS

DPR'S NET-ZERO OFFICES

Green Strategies

Daylighting

- Rooftop Solar tube fixtures (Solatubes)
- Rooftop daylight harvesting light wells
- Daylight extension strategy – glass walls and reflective surfaces
- Smart glass – Transitioning tint technology (RavenWindows and View Dynamic Glass)

Lighting

- High efficiency and LED fixtures
- Integrated Lighting and Zoning Design

Indoor Air

- Expanded Occupancy Thermal Comfort Zone
- Enhanced air circulation - High Volume, Low velocity ceiling fans (Big Ass Fans)
- Passive ventilation – Large Volume/High Ceilings – Stack Ventilation
- Evaporative Cooling – Shower Towers
- Natural Ventilation – Operable Windows and Rooftop Monitors – Solar Chimney
- Exterior Window Shading/Treatments – Green Screens
- Indoor Landscaping – In Ground Beds/Living Wall
- Passive Ventilation – Operable Skylight
- Heating/cooling radiant sails
- Dew point-dependent controls
- Simultaneous energy recovery from hot and cold water loops
- Dedicated outdoor air system

Controls

- Passive Infra-Red Occupancy Controls
- Time Controls and Shut-offs
- Integrated Building Management System
- Non-Occupied Energy Circuit Shut-off – Phantom Load Management Switch

Energy Consumption Awareness/Reduction

- Energy End-Use Measurement Submeters
- Building Energy Use Dashboard Display (Lucid Designs)
- Occupant Plug Load Management & Measurement System – EnMetric

Onsite Renewable Energy Generation

- Rooftop Photovoltaic (PV) Solar Array
- Rooftop Solar Water Heating Array
- Shaded Parking Photovoltaic (PV) Solar Array

Learn more at www.dpr.com/view/path-to-net-zero-energy