

# SHINING A LIGHT ON SOLAR



## SERVICES AVAILABLE

- MEP ENGINEERING DESIGN
- DESIGN-BUILD SERVICES
- SOLAR HOT WATER
- SOLAR PHOTOVOLTAICS
- GEOTHERMAL HVAC
- SYSTEMS COMMISSIONING
- HERS RATINGS



## TOGETHER, WE PROVIDE QUALITY WORK DELIVERED ON TIME. THAT IS OUR GUARANTEE.

Consulting Engineering Services and The Legacy Mechanical Group are conveniently located in the same building in Middletown, CT. Working together, we provide complete turn-key service for all of your solar hot water and solar photovoltaic design-build needs.

We approach every job with its unique opportunities and challenges in mind and create specific solutions to meet the requirements and needs of our clients.

Successfully completed design-build projects allows us to reduce up-front expenses and reduce project management issues and cost. We specialize in design and installation of renewable energy systems.





**Gaylord Hospital** is the first hospital in Connecticut to receive state funding through a grant from the Connecticut Clean Energy Fund (CCEF) for a solar thermal hot water system.

**Gaylord Hospital** is the first hospital in Connecticut to install a new solar thermal hot water heating system and is setting an example for healthcare facilities throughout the region.



## PROJECT INFORMATION

- Cost: \$550,000
- 70 Solarus Evacuated Tube solar hot water panels
- 3,750 gallon storage tank
- Reduce the annual hot water needs of the facility by an estimated 65%
- Oil consumption reduced by about 7,000 gallons of fuel oil per year
- An annual emission equivalent of 135,000 pounds of carbon dioxide emissions

