

DG Energy acquired the Quonset Point Cogeneration Facility in September 2003. The cogeneration plant supplies base-load steam and primary electricity to the Toray Plastics America manufacturing facility located in Kingstown, Rhode Island.



Toray's objective for designing the power plant was to mitigate the amount of utility caused disruptions to their manufacturing process. Toray's manufacturing process relies on a clean source of stable power. The particular grid section Toray is on has historically been very weak causing about 12 outages per year and each outage results in a substantial manufacturing loss of production.

Quonset Point Cogeneration Facility Facts:

- *A T-70 Solar Gas Turbine*
- *An ERI heat recovery steam generator producing high pressure steam from the recovered waste heat of the turbine*
- *The DG Energy facility is located in a separate building directly adjacent to the existing Toray Plastics power house*
- *Cogeneration building is 5500 sq ft*
- *The plant runs at base-load and operates 24 hours a day, seven days a week with Toray Plastics purchasing all of the electric output and steam*

The DG Energy cogeneration facility was sized to meet the critical load during a utility power outage, thus mitigating Toray's reliability and predictability concerns as well as providing savings for their energy purchases.

Toray Plastics (America), Inc. is an affiliate of Toray Industries, Inc., one of the world's leading manufacturers of synthetic fibers and textiles. With 200 subsidiaries and affiliated companies in 16 countries, Toray generates more than \$8.7 billion in sales worldwide.

For further information regarding this DG cogeneration facility, please call Ed Kent, Director of Asset Operations, DG Energy Solutions, Medford, New Jersey (609) 654-6166 or Edward@dg-energy.com.

About DG Energy

DG Energy is one of the nation's leading integrated energy companies that specializes in the out-sourced ownership of cogeneration, central plant, biomass and district energy systems throughout North America. DG Energy is headquartered in San Diego, CA, with regional offices in New Jersey, Florida and Oregon. For more information about DG Energy, please call (619) 232-6564 or find us on the web at: www.dg-energy.com

HEADQUARTERS

1660 Union Street
Suite 200
San Diego, CA 92101
Tel (619) 232-6564
Fax (619) 232-6116

REGIONAL HEADQUARTERS

708 Stokes Road
Suite A
Medford, NJ 08055
Tel (609) 654-6166
Fax (609) 654-6146