

Titusville, PA

# Oil Creek Plastics



- **Generating Capacity:** 2 MW
- **Fuel Type:** Natural Gas, On-site Solar PV
- **Unit:** e2Companies R3Di® System
- **Benefit:** Power Quality and Integration With Renewable

## ABOUT

**Oil Creek Plastics** has been an industry leader in the piping and tubing market since 1972 and is known for its innovative polyethylene. Their manufacturing facility uses sensitive electronic equipment used to produce large rolls of plastic pipe. In recent years, disruptions in the power supply have become increasingly common, impacting production and causing downtime and the loss of material costs each month at the facility.

## SOLUTION

To solve these challenges, **the R3Di® System** will provide 2,000 kW (2MW) of uninterruptible, conditioned power for the building. In addition to connecting to the electric grid and a natural gas generator, the R3Di® System will store energy from the facility's 1000kW rooftop photovoltaic panels (PV). This will increase the reliability of the rooftop PV while providing seamless power quality for manufacturing facility.

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The R3Di® System will eliminate outages and improve the efficiency of our machines while also allowing us to reduce costs and carbon emissions.”

- CJ Kirvan,  
Oil Creek Plastics Owner

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