

# WASTEWATER TREATMENT PLANTS

Reduce Emissions and Generate Clean Energy with the Power+ Generator™



## TWO WAYS TO GENERATE CLEAN ENERGY AT WASTEWATER TREATMENT PLANTS

### #1 Eliminate Flaring

By capturing the flare gas, ElectraTherm's Power+ Generator reduces or eliminates flaring at the site and generates clean energy.



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- Clean Energy
- Reduced Emissions
- Flare Elimination

### #2 Add the Power+ Generator to the Engine

Generate fuel-free, emission-free power from the engine's waste heat.



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- Clean Energy
- Increased Efficiency
- Lower Capital & Maintenance

## ELECTRATHERM'S ORGANIC RANKINE CYCLE (ORC) TECHNOLOGY

- ✓ PROVEN TECHNOLOGY
- ✓ LOW COST
- ✓ LOW MAINTENANCE

Compared to a reciprocating engine:

**80%**  
LOWER CAPITAL COSTS AND MAINTENANCE

LOWER EMISSIONS BY  
**50-90%**

PRODUCE ENERGY AS LOW AS  
**9 ppm NOx**

## BENEFITS OF THE POWER+ GENERATOR

- » Reduce or Eliminate Flaring
- » Reduced Emissions
- » Simple Installation, Small Footprint
- » No Gas Treatment or Storage
- » Offset On-site Retail Cost of Power
- » No Utility PPA Hassle



**NO BIOGAS FLAME**

