



RePG Energy Systems produces electrical energy from low heat using its own technology.

# RePG®

- Energy Recovery Using Low and High Temperature Waste Heat
- Energy Production Between 25kWh - 1mWh
- Electricity generation, Heating and Cooling
- Short Turnaround Time Advantage
- Modular Design and Customized Solutions
- On-Grid and Off-Grid Connection
- Zero Emission
- Remote Control and Tracking System (IOT)



## SCOPE OF APPLICATION



### FACTORIES

Waste Heat Applications



### GEOTHERMAL

Waste Heat Applications



### SHIP CHIMNEY AND BOILER FLATS

Latent Heat and Waste Heat Applications



### SITE, CITY KAZAN FLATS

Latent Heat and Waste Heat Applications



### BIOMASS

Biomass Waste Heat Applications



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Energy Production Capacity	1-5 kWh	5-15 kWh	5-25 kWh	25+ kWh
Heat Transfer Fluid	Water / Oil / Gas	Water / Oil / Gas	Water / Oil / Gas	Water / Oil / Gas
Fluid Temperature	60-120 °C	60-120 °C	60-120 °C	60-120 °C
Heat Transfer Fluid Connection	1" – Threaded or Flanged	2" – Threaded or Flanged	2" – Threaded or Flanged	2" – Threaded or Flanged
Operating pressure	Max. 45 bar	Max. 45 bar	Max. 45 bar	Max. 45 bar
Operating Frequency	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz
Operating voltage	400V AC	400V AC	400V AC	400V AC
Phase Value	3	3	3	3
Dimension	850x850x1500 mm	1100x1450x1500 mm	1500x1750x1900 mm	Modular size
Weight	250 kg	500 kg	750 kg	Modular size