Power Module Site Request for Information

Complete this form so Kool Bricks Renewables, UK distributor of ElectraTherm Power Module generators, can size a system for your site and estimate its electrical output and payback. Fill in what you know and mark anything you are unsure of as an estimate; a blank is fine.

Return the completed form, with any attachments, to sales@koolbricks.co.uk. Everything you send is treated as confidential. More about us at www.koolbricks.co.uk.

1. Company and contact details

Item	Your answer
Company name	
Contact name	
Job title	
Email	
Phone	
Company address	
Who else should we involve (engineering, finance, site manager)	

2. Site details

We use the site location to pull local weather data, because ambient temperature drives cooling and output. A nearest town or city is enough if the site name is confidential.

Item	Your answer
Site name or project reference	
Site address or nearest town or city and postcode	
Industry / type of site (e.g. biogas, landfill gas, CHP, process plant, distillery)	
Site altitude (m above sea level), if known	
Is the site in a noise-sensitive or planning-restricted area?	
Target date for installation	

3. Heat source

The Power Module runs on hot water, typically 80–150 °C. These figures decide which model fits and how much power it makes. If you have more than one heat source, give each one separately.

Item	Your answer
Heat source (e.g. engine jacket water, exhaust heat exchanger, process hot water, geothermal, solar thermal)	
Engine make and model, if an engine	
Hot water supply temperature to us (°C)	
Hot water return temperature you need back (°C), if fixed	
Hot water flow rate (l/s or m^3/h)	
Thermal power available (kWth)	

Item	Your answer
Glycol in the hot water circuit (% and type)	
Is this heat currently used for anything, or dumped?	
Does the temperature or flow vary through the day or year? Please describe	
Available pipe connection size and distance to proposed Power Module location (m)	

4. Cooling and heat rejection

The Power Module needs a cooling supply, usually a drycooler (liquid loop radiator) or existing cooling water. The colder the cooling, the more power it makes.

Item	Your answer
Preferred cooling: new drycooler / existing cooling water / cooling tower / not sure	
If existing cooling water: supply temperature (°C) and flow available (l/s)	
If existing cooling water: is it river, borehole or mains water?	
Space available for drycooler(s) (m × m), and ground or roof mounted	
Noise limit at site boundary or nearest neighbour (dB(A)), if any	
Could the rejected low-grade heat (about 40–60 °C) be used on site, e.g. space heating?	

5. Electrical and grid connection

Item	Your answer
Supply voltage and phases at the connection point (e.g. 400 V, 3-phase)	
Frequency (50 Hz / 60 Hz)	
Is the site importing power, exporting, or both?	
Spare capacity on the existing connection or switchboard (kW / A)	
Is there an existing G99 (or equivalent) export agreement?	
Distance from proposed Power Module location to the connection point (m)	

6. Operation and economics

These figures let us estimate annual generation, savings and payback.

Item	Your answer
Heat source running hours per year (h)	
Planned shutdowns or seasonal downtime	
Electricity import price (p/kWh), including standing and network charges if known	
Export price, if electricity would be exported (p/kWh)	
Annual site electricity use (MWh/yr)	

Item	Your answer
Any renewable or green incentives you currently receive or are pursuing	
Budget or target payback (years), if set	

7. Site access, attachments and sign-off

Item	Your answer
Proposed location for Power Module (indoor / outdoor, footprint available m × m)	
Access for delivery (crane, forklift, road restrictions)	
Site safety or induction requirements for visits	
Best dates for a site survey	

Please attach whatever you have:

- [ ] Site layout or plan showing heat source, proposed location and connection point
- [ ] Engine or process data sheet (temperatures, flows, heat balance)
- [ ] Recent electricity bill or tariff details
- [ ] Photos of the heat source, plant room and proposed location
- [ ] Logged temperature or flow data, if available

Completed by	Signature	Date

Thank you. Kool Bricks Renewables will review your answers and come back with a Power Module output estimate and return on investment for your site.