	Industrial – Power Generation/Process Load Information Request Form	
	Reference	
	Site Name	

1. Load Profile

Is the load to be taken at a flat 1/24th rate: Yes No

If no please complete the table and provide other profile data/graphs if available:

Season	**Maximum – include all possible load requirements**		
	Hourly gas usage (kWh)	**Total daily gas usage(kWh)**	**Times & details of gas usage**
Summer 1st April to 30th September			
Winter 1st October to 31st March			

2. Equipment

Equipment Type	No. of units	Maximum Hourly gas usage (kWh)	% Split of per unit

	Industrial – Power Generation/Process Load Information Request Form	
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3. Equipment Ramp Rates

Please complete the table and please provide other ramp rate data/graphs if available:

	Time (mins)	Rate (kWh/min) & profile details if not linear
Ramp Rate Up (From zero to maximum flow)		
Ramp Rate Down (from maximum flow to zero)		

4. Additional Comments

WALES&WEST UTILITIES	**Industrial – Power Generation/Process Load Information Request Form**	
	Reference	
	Site Name	

Guidance Notes

Examples have been given for each section for clarification

Load Profile

1/24th rate means taking equal volumes of gas every hour for 24hrs

Season	Maximum – include all possible load requirements		
	Hourly gas usage (kWh)	**Total daily gas usage(kWh)**	**Times & details of gas usage**
Summer 1st April to 30th September	*e.g.* *In range* *14000 to* *28000*	*e.g.* *280000*	*e.g.* *0700 – 1900, 12 hrs of gas usage @ 14000 kWh* *0800 – 1200, 4 hrs of additional flow @ 14000 kWh* *1600 – 2000, 4 hrs of additional flow @ 14000 kWh*

Equipment

Equipment type here could be turbines, compressors, industrial dryers, process plant, other…..

Equipment Type	No. of units	Maximum Hourly gas usage (kWh)	% Split of per unit
e.g. Turbine	*5*	*28000*	*20%*

Equipment Ramp Rates

	Time (mins)	Rate (kWh/min) & profile details if not linear
Ramp Rate Up (From 0 to maximum flow)	*e.g. 6 mins*	*e.g. ramping up to 28000 kWh in 6 mins would give 4667 kWh/min if linear, calculation= 28000/6* *if not linear e.g. 3000 kWh/min for mins 1+2, 5000 kWh/min for mins 3+4, 6000 kWh/min for mins 5+6*