

Asset Performance Statistics

Hallett

- Gas-fired power station (with distillate as secondary fuel)
- 203MW (12 gas turbine generators)
- Plant commissioned in 2002
- Wholly owned and operated by CLP



Parameter	Unit	2016	2015	2014	2013	2012
1. Operation						
Electricity sent out	GWh	39	30	29	71	5
Gas consumed	TJ	727	626	595	1,489	120
Oil consumed	TJ	75	1	1	1	1
Thermal efficiency	%	18	17	18	16	16
Equivalent availability factor (EAF)	%	90.6	86.9	93.3	85.8	93.8
2. Air Emissions						
CO ₂ e (Scopes 1 & 2)	kT	45	34	33	77	9
SO ₂ ⁽¹⁾	kT	-	-	-	-	-
NO _x	kT	0.1	0.1	0.1	0.2	- ⁽¹⁾
Particulate ⁽¹⁾	kT	-	-	-	-	-
3. Water						
Water Withdrawal ⁽²⁾	Mm ³	-	-	-	-	-
from marine water resources	Mm ³	-	-	-	-	-
from freshwater resources	Mm ³	-	-	-	-	-
from municipal sources	Mm ³	-	-	-	-	-
Water Discharged ⁽³⁾	Mm ³	-	-	-	-	-
treated wastewater discharged to sea	Mm ³	-	-	-	-	-
treated wastewater discharged to freshwater bodies	Mm ³	-	-	-	-	-
wastewater discharged to sewerage	Mm ³	-	-	-	-	-
Water Reused / Recycled	Mm ³	-	-	-	-	-
4. Environmental Compliance						
Regulatory non-compliances resulting in fines or prosecutions	No.	0	0	0	0	0
Licence limit exceedances & other non-compliances	No.	0	0	0	0	0

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5. Waste Management ⁽⁴⁾

Hazardous waste						
produced	T (solid) / kl (liquid)	10 / 0	0 / 2	25 / 14	5 / 2	0 / 0
recycled	T (solid) / kl (liquid)	0 / 0	0 / 2	0 / 11	0 / 2	0 / 0
disposed	T (solid) / kl (liquid)	10 / 0	0 / 0	25 / 3	5 / 0	0 / 0
Non-hazardous waste						
produced	T (solid) / kl (liquid)	21 / 0	49 / 0	26 / 0	26 / 0	34 / 0
recycled	T (solid) / kl (liquid)	3 / 0	4 / 0	3 / 0	3 / 0	10 / 0
disposed	T (solid) / kl (liquid)	19 / 0	45 / 0	23 / 0	23 / 0	23 / 0

6. Safety

Employee - Fatalities	No.	0	0	0	0	0
Employee - Days lost / charged	Days	0	0	0	0	0
Employee - Lost Time Injuries ⁽⁵⁾	Cases	0	0	0	-	-
Employee - Occupational Disease ⁽⁵⁾	Cases	0	0	0	-	-
Employee - Total Work Hours ⁽⁵⁾	Manhours	17,704	17,323	17,748	-	-
Contractor - Fatalities ⁽⁵⁾	No.	0	0	0	-	-
Contractor - Lost Time Injuries ⁽⁵⁾	Cases	0	0	0	-	-
Contractor - Total Work Hours ⁽⁵⁾	Manhours	5,573	5,085	4,609	-	-

Notes:

(1) Emission quantities presented as "-" mean negligible.

(2) Water is consumed for domestic use only and measurement data are not routinely collected.

(3) No wastewater discharged from core plant operation.

(4) Waste categorised in accordance with local regulations. Contractor waste is included.

(5) Started reporting in 2014.