

# Huaiji

- 12 Hydro power stations and 4 reservoirs
- 129MW total generation capacity and 244.3Mm<sup>3</sup> reservoir storage capacity
- Stations commissioned between 1975 and 2008
- Shareholding of 84.9% with operational control by CLP

Parameter	Unit	2017	2016	2015	2014	2013
<b>1. Operation</b>						
Electricity sent out <sup>(1)</sup>	GWh	402	548	373	410	460
Service Factor (SF) <sup>(2)</sup>	%	37.8	51.7	39.4	40.9	44.1
<b>2. Water</b>						
Water Withdrawal	Mm <sup>3</sup>	6,480.0	8,316.4	6,070.7	6,942.1	7,775.3
from marine water resources <sup>(3)</sup>	Mm <sup>3</sup>	-	-	-	-	-
from freshwater resources - for hydropower generation	Mm <sup>3</sup>	6,480.0	8,316.4	6,070.7	6,942.1	7,775.3
from freshwater resources - for non-generation <sup>(4)</sup>	Mm <sup>3</sup>	-	-	-	-	-
from municipal sources <sup>(4)</sup>	Mm <sup>3</sup>	-	-	-	-	-
Water Discharged	Mm <sup>3</sup>	6,480.0	8,316.4	6,070.7	6,942.1	7,775.3
freshwater returned from hydropower generation	Mm <sup>3</sup>	6,480.0	8,316.4	6,070.7	6,942.1	7,775.3
treated wastewater discharged to sea <sup>(3)</sup>	Mm <sup>3</sup>	-	-	-	-	-
treated wastewater discharged to freshwater bodies <sup>(4)</sup>	Mm <sup>3</sup>	-	-	-	-	-
wastewater discharged to sewerage <sup>(5)</sup>	Mm <sup>3</sup>	0	0	0	0	0
Water Reused / Recycled	Mm <sup>3</sup>	0	0	0	0	0
<b>3. Environmental Compliance</b>						
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
<b>4. Waste Management<sup>(6)</sup></b>						
Hazardous waste						
produced	T (solid) / kl (liquid)	1 / 3	0 / 3	1 / 4	1 / 1	1 / 8
recycled	T (solid) / kl (liquid)	1 / 3	0 / 3	0 / 4	0 / 1	0 / 8
disposed	T (solid) / kl (liquid)	0 / 0	0 / 0	1 / 0	1 / 0	1 / 0
Non-hazardous waste						
produced	T (solid) / kl (liquid)	109 / 0	101 / 0	12 / 0	- <sup>(4)</sup>	70 / 0
recycled	T (solid) / kl (liquid)	0 / 0	0 / 0	0 / 0	- <sup>(4)</sup>	0 / 0
disposed	T (solid) / kl (liquid)	109 / 0	101 / 0	12 / 0	- <sup>(4)</sup>	70 / 0

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Parameter	Unit	2017	2016	2015	2014	2013
<b>5. Safety</b>						
Employee						
Fatalities	No.	0	0	0	0	0
Days lost / charged	Days	0	0	0	0	0
Lost Time Injuries <sup>(7)</sup>	Cases	0	0	0	0	-
Occupational Disease <sup>(7)</sup>	Cases	0	0	0	0	-
Total Work Hours <sup>(7)</sup>	Manhours	520,593	532,416	552,332	579,283	-
Contractor						
Fatalities <sup>(7)</sup>	No.	0	0	0	0	-
Lost Time Injuries <sup>(7)</sup>	Cases	0	0	0	0	-
Total Work Hours <sup>(7)</sup>	Manhours	95,614	72,226	67,842	87,993	-

#### Notes:

<sup>(1)</sup> Electricity sent out has been reported since 2017. Prior to 2017, Electricity sold was reported.

<sup>(2)</sup> Service Factor (SF) = Total hours of operation during the period / Total length of period (hours) x 100.

<sup>(3)</sup> Not applicable to Huaiji.

<sup>(4)</sup> Measurement data are not routinely collected.

<sup>(5)</sup> No discharge to sewerage as wastewater generated from domestic use is treated on site.

<sup>(6)</sup> Waste categorised in accordance with local regulations. Contractor waste is excluded.

<sup>(7)</sup> Started reporting in 2014.