

Jiangbian

- Hydro power station
- 330MW generation capacity and 1.1Mm³ reservoir storage capacity
- Station commissioned in 2011
- Wholly owned and operated by CLP

Parameter	Unit	2017	2016	2015	2014	2013
1. Operation						
Electricity sent out ⁽¹⁾	GWh	1,009	1,114	1,208	1,088	1,468
Service Factor (SF) ⁽²⁾	%	52.5	56.8	57.8	58.4	68.5
2. Water						
Water Withdrawal	Mm ³	1,414.8	1,567.0	1,675.5	1,521.0	2,066.8
from marine water resources ⁽³⁾	Mm ³	-	-	-	-	-
from freshwater resources - for hydropower generation	Mm ³	1,414.8	1,567.0	1,675.5	1,521.0	2,066.8
from freshwater resources - for non-generation	Mm ³	0.02	0.03	0.03	0.03	0.02
from municipal sources ⁽³⁾	Mm ³	-	-	-	-	-
Water Discharged	Mm ³	1,414.8	1,567.0	1,675.5	1,521.0	2,066.8
freshwater returned from hydropower generation	Mm ³	1,414.8	1,567.0	1,675.5	1,521.0	2,066.8
treated wastewater discharged to sea ⁽³⁾	Mm ³	-	-	-	-	-
treated wastewater discharged to freshwater bodies	Mm ³	0.02	0.03	0.03	0.03	0.02
wastewater discharged to sewerage ⁽⁴⁾	Mm ³	-	-	-	-	-
Water Reused / Recycled	Mm ³	-	-	-	-	-
3. 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
4. Waste Management⁽⁵⁾						
Hazardous waste						
produced	T (solid) / kl (liquid)	0 / 0	0 / 0	1 / 2	1 / 1	0.1 / 2
recycled	T (solid) / kl (liquid)	0 / 0	0 / 0	0 / 0	0 / 0	0 / 2
disposed	T (solid) / kl (liquid)	0 / 0	0 / 0	1 / 2	1 / 1	0.1 / 0
Non-hazardous waste						
produced	T (solid) / kl (liquid)	22 / 0	23 / 0	33 / 0	27 / 0	29 / 0
recycled	T (solid) / kl (liquid)	1 / 0	1 / 0	10 / 0	3 / 0	3 / 0
disposed	T (solid) / kl (liquid)	21 / 0	22 / 0	23 / 0	24 / 0	26 / 0

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5. Safety						
Employee						
Fatalities	No.	0	0	0	0	0
Days lost / charged	Days	0	0	0	0	0
Lost Time Injuries ⁽⁶⁾	Cases	0	0	0	0	-
Occupational Disease ⁽⁶⁾	Cases	0	0	0	0	-
Total Work Hours ⁽⁶⁾	Manhours	124,416	126,416	123,856	139,152	-
Contractor						
Fatalities ⁽⁶⁾	No.	0	0	0	0	-
Lost Time Injuries ⁽⁶⁾	Cases	0	0	0	0	-
Total Work Hours ⁽⁶⁾	Manhours	157,656	211,712	223,128	207,736	-

Notes:

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

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

⁽³⁾ Not applicable to Jiangbian.

⁽⁴⁾ Domestic wastewater only and is treated on site before discharged to freshwater bodies.

⁽⁵⁾ Waste categorised in accordance with local regulations. Contractor waste is excluded.

⁽⁶⁾ Started reporting in 2014.