

Asset Performance Statistics

Qian'an

- Wind farm
- 99MW total generation capacity
- Wind farm phase 1 and 2 commissioned in 2010 and 2011 respectively
- Wholly owned and operated by CLP



| Parameter | Unit | 2016 | 2015 | 2014 | 2013 | 2012 |
|---|----------|--------|--------|--------|------|------|
| 1. Operation | | | | | | |
| Electricity sold | GWh | 142 | 153 | 173 | 187 | 174 |
| Availability Factor (AF) ⁽¹⁾ | % | 97.6 | 98.1 | 98.9 | 98.9 | 97.8 |
| Capacity factor | % | 16.3 | 17.7 | 19.9 | 21.6 | 20.0 |
| 2. 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 |
| 3. Water & Waste ^{(2) (3)} | | | | | | |
| 4. Safety | | | | | | |
| Employee - Fatalities | No. | 0 | 0 | 0 | 0 | 0 |
| Employee - Days lost / charged | Days | 0 | 0 | 0 | 0 | 0 |
| Employee - Lost Time Injuries ⁽⁴⁾ | Cases | 0 | 0 | 0 | - | - |
| Employee - Occupational Disease ⁽⁴⁾ | Cases | 0 | 0 | 0 | - | - |
| Employee - Total Work Hours ⁽⁴⁾ | Manhours | 53,844 | 65,429 | 67,948 | - | - |
| Contractor - Fatalities ⁽⁴⁾ | No. | 0 | 0 | 0 | - | - |
| Contractor - Lost Time Injuries ⁽⁴⁾ | Cases | 0 | 0 | 0 | - | - |
| Contractor - Total Work Hours ⁽⁴⁾ | Manhours | 14,872 | 17,520 | 16,952 | - | - |

Notes:

(1) AF for wind farms = Total system available hours / Total length of period (hours) x 100. 2012 data updated to align with parameter definition.

(2) Water consumed and discharged is for domestic use only and the quantity is negligible.

(3) Waste produced is domestic waste only and the quantity is negligible.

(4) Started reporting in 2014.

2016 data have been independently reviewed by the Hong Kong Quality Assurance Agency (HKQAA).