

福海一期年發電量預測分析

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|-------------------------------|----------------------------|--------------------|
| Turbine Model | Siemens SWT-3.6-120 | |
| Project Capacity | 7.2 | MW |
| Hub height | 90 | m MSL |
| Gross Energy Output | 31.7 | GWh / annum |
| Array efficiency (internal) | 98.1% | GL GH estimate |
| Array efficiency (external) | 98.2% | GL GH estimate |
| Turbine availability | 93.5% | GL GH assumption |
| Balance of Plant availability | 99.5% | GL GH assumption |
| Grid availability | 100.0% | Not considered |
| Electrical efficiency | 97.9% | GL GH assumption |
| Project power consumption | 100.0% | Not considered |
| Power curve compliance | 100.0% | GL GH assumption |
| High wind hysteresis | 96.7% | GL GH estimate |
| Performance degradation | 99.5% | GL GH assumption |
| Wind sector management | 100.0% | Not considered |
| Net Energy Output | 26.8 | GWh / annum |

*Grid availability, project power consumption, power curve compliance not considered