

Loss Factors Horizon Power

2023/2024

Loss Factor Values

Horizon Power 23/24

Purpose

Rule 146 of the Pilbara Network Rules (PNR) requires a covered Network Service Provider (NSP) to the standard of GEIP to determine and from time-to-time review and revise the Loss Factors for:-

- a) Each balancing point in its network; and
- b) If its network includes non-interval metered loads, a National Wholesale Meter.

The balancing points and the Loss Factors for Horizon Power's Pilbara Network are set out below.

Loss Factors

The values provided below have been calculated by the ISO based on an agreed methodology between the ISO and Horizon Power. The values provided are purely for the purposes of energy balancing.

| Connection type | Name | Voltage Level (kV) | Nominee | Loss Factor |
|------------------------|-------------------|--------------------|---------------|-----------------------|
| NNL | NNL Horizon Power | | Horizon Power | |
| Generation | TransAlta SHPS | 11 | Horizon Power | 0.9968 |
| Generation | ATCO KPS | 11.5 | Horizon Power | 0.8515 |
| Generation | HP KTPS | 11.5 | Horizon Power | 0.8515 ^[1] |
| Interconnection | Rio - HP DMP1 | 33 | Rio Tinto | 1.0997 |
| Interconnection | Rio - HP DMP2 | 33 | Rio Tinto | 1.0997 |
| Interconnection | Rio - HP CLB | 220 | Rio Tinto | 1.0774 |
| Interconnection | Alinta - HP MDR | 22 | Horizon Power | 1.0076 |
| Load | BHP (MNM 702) | 11 | Alinta | 1.0113 |
| Load | BHP (MNM 709) | 11 | Alinta | 1.0113 |
| Load | FMG SWC | 66 | FMG | 1.0052 |
| Load | Roy Hill | 66 | Horizon Power | 1.0043 |
| Load | BHP (WFD-FIH) | 22 | Alinta | 1.0326 |

^[1] The KTPS was a temporary generation and is no more in the system. The result given here is the loss factor value for the main Karratha power station.

Contact details.

Should any customers have any concerns or queries regarding the values published, please get in touch with us via the following email contact.

Please contact us for more information if you would like to request a loss factor determination for a connection point.

Email:

pilbara@horizonpower.com.au