Loss Factors Horizon Power

2023/2024

Loss Factor Values

Horizon Power 23/24

HORIZON POWER

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