



NZAL: Pricing and Loss Factors

Distributor: NZAL - New Zealand Airways Limited

Valid from 01/05/2022

Updated: 01/03/2022

The Embedded Network Company currently manages 9 embedded networks under the NZAL participant code for its property group client New Zealand Airways Ltd. These Embedded Networks (EN's) span 2 Local Area Networks. We mirror the parent network pricing and losses to ensure the consumers are not negatively impacted.

All prices are exclusive of GST and no further discount applies.

Pricing and Loss Factors

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NZAL-CKHK – Wellington Electricity Lines

Pricing and loss factors for NZAL EN's within Wellington Electricity Lines network

NETWORK DETAILS

| NSP | Location | Parent GXP | Local Network | Local Network Loss Code | Local Network Loss Factor | Gate Meter ICP's |
|---------|----------------------------------------------------|------------|---------------|-------------------------|---------------------------|------------------|
| NAH0011 | 139 The Terrace, Wellington | CPK0331 | CKHK | VECG2 | 1.0285 | 1001150036CK102 |
| NBS0011 | 10 Brandon Street, Wellington | KWA0111 | CKHK | VECG3 | 1.0393 | 0000159407CK0E8 |
| NPP0011 | PrimeProperty Tower,86-90 Lambton Quay, Wellington | WIL0331 | CKHK | VECG3 | 1.0393 | 1001148710CK73B |
| NPS0011 | PSIS Building, 108 Featherston Street, Wellington | WIL0331 | CKHK | VECG3 | 1.0393 | 1001147380CKDBD |
| NSR0011 | 81 Molesworth St Wellington | KWA0111 | CKHK | VECG3 | 1.0393 | 1001154049CKD01 |
| NTO0011 | Technology One House, 86 Victoria St, Wellington | CPK0331 | CKHK | VECG3 | 1.0393 | 1001147950CKAF5 |
| NUL0011 | 498 Jackson Street, Petone, Wellington | GFD0331 | CKHK | VECG3 | 1.0393 | 1001158921CK26C |

NETWORK LOSSES

| Loss Code | Embedded Loss Factor | Local Network Owner | Local Area Loss Code | Local Area Loss Factor | Total Loss Factor at ICP | Matched Loss Code | Description |
|-----------|----------------------|---------------------|----------------------|------------------------|--------------------------|-------------------|-------------|
| LNZALL1 | 1.0142 | CKHK | VECG3 | 1.0393 | 1.0541 | VECG1 | |
| LNZALL2 | 1.0000 | CKHK | VECG3 | 1.0393 | 1.0393 | VECG3 | |
| LNZALL6 | 1.0249 | CKHK | VECG2 | 1.0285 | 1.0541 | VECG1 | |
| LNZALL7 | 1.0000 | CKHK | VECG2 | 1.0285 | 1.0285 | VECG2 | |

NETWORK PRICING

| Network Tariff Code | Local Network Tariff Equivalent | Tariff Code ID | Calculation Methodology | Tariff Code Description | New Rate | Units |
|---------------------|---------------------------------|----------------|-------------------------|--------------------------------|----------|--------------|
| NZCKP2 | Business - GLV69 | NZCKP2-FIXD | | Fixed Daily Charge | 1.3432 | \$/Day |
| NZCKP2 | Business - GLV69 | NZCKP2-24UC | | Variable Charge - Uncontrolled | 0.0341 | \$/kWh |
| NZCKP4 | Business - GLV300 | NZCKP4-FIXD | | Fixed Daily Charge | 10.8428 | \$/Day |
| NZCKP4 | Business - GLV300 | NZCKP4-24UC | | Variable Charge - Uncontrolled | 0.0168 | \$/kWh |
| PNZALP1 | Business - GLV15 | PNZALP1-FIXD | | Fixed Daily Charge | 0.5431 | \$/Day |
| PNZALP1 | Business - GLV15 | PNZALP1-24UC | | Variable Charge - Uncontrolled | 0.0492 | \$/kWh |
| PNZALP3 | Business - GLV138 | PNZALP3-FIXD | | Fixed Daily Charge | 7.6117 | \$/Day |
| PNZALP3 | Business - GLV138 | PNZALP3-24UC | | Variable Charge - Uncontrolled | 0.0404 | \$/kWh |
| PNZALP4 | Business - GLV1500 | PNZALP4-FIXD | | Fixed Daily Charge | 27.3414 | \$/Day |
| PNZALP4 | Business - GLV1500 | PNZALP4-24UC | | Variable Charge - Uncontrolled | 0.0074 | \$/kWh |
| PNZALP4 | Business - GLV1500 | PNZALP4-DAMD | CKHKDAMD300 | Demand Charge | 6.6318 | \$/kVA/Month |
| PNZALP5 | Business - GTX1500 | PNZALP5-CAPY | | Capacity Charge | 0.0146 | \$/kVA/day |
| PNZALP5 | Business - GTX1500 | PNZALP5-FIXD | | Fixed Daily Charge | 21.2285 | \$/Day |
| PNZALP5 | Business - GTX1500 | PNZALP5-24UC | | Variable Charge - Uncontrolled | 0.0060 | \$/kWh |
| PNZALP5 | Business - GTX1500 | PNZALP5-DAMD | CKHKDAMD300 | Demand Charge | 5.5744 | \$/kVA/Month |

CKHKDAMD300

For general low voltage connection and general transformer connection consumers with a capacity greater than 300kVA but less than or equal to 1500kVA, demand (DAMD) is defined as the maximum demand during the month, where the kVA demand is twice the maximum kVAh half hourly reading during the month to which the charges apply.

NZAL-WAIK – WEL Networks

Pricing and loss factors for NZAL EN's within the WEL Networks network

NETWORK DETAILS

| NSP | Location | Parent GXP | Local Network | Local Network Loss Code | Local Network Loss Factor | Gate Meter ICP's |
|---------|---------------------------------------|------------|---------------|-------------------------|---------------------------|------------------|
| NAT0011 | 500 Victoria Street, Hamilton | HAM0331 | WAIK | 530 | 1.0559 | 0000043164WEC2C |
| NWH0011 | 711 Victoria/London Streets, Hamilton | HAM0331 | WAIK | 530 | 1.0559 | 0000030483WE600 |

NETWORK LOSSES

| Loss Code | Embedded Loss Factor | Local Network Owner | Local Area Loss Code | Local Area Loss Factor | Total Loss Factor at ICP | Matched Loss Code | Description |
|-----------|----------------------|---------------------|----------------------|------------------------|--------------------------|-------------------|-------------|
| NZWEL1 | 1.0000 | WAIK | 530 | 1.0559 | 1.0559 | 530 | |
| NZWEL2 | 1.0000 | WAIK | 530 | 1.0559 | 1.0559 | 530 | |

NETWORK PRICING

| Network Tariff Code | Local Network Tariff Equivalent | Tariff Code ID | Calculation Methodology | Tariff Code Description | New Rate | Units |
|---------------------|---------------------------------|-------------------|-------------------------|--------------------------------|----------|--------------|
| NZWEP1 | Business - 1200C | NZWEP1-FIXD | | Fixed Daily Charge | 1.3500 | \$/Day |
| NZWEP1 | Business - 1200C | NZWEP1-24UC | | Variable Charge - Uncontrolled | 0.0808 | \$/kWh |
| NZWEP2 | Business - 1360 | NZWEP2-CAPY | WAIKCAPY | Nominated Capacity Charge | 0.1280 | \$/kVa/Day |
| NZWEP2 | Business - 1360 | NZWEP2-FIXD | | Fixed Daily Charge | 4.3108 | \$/Day |
| NZWEP2 | Business - 1360 | NZWEP2-24UC | | Variable Charge - Uncontrolled | 0.0000 | \$/kWh |
| NZWEP2 | Business - 1360 | NZWEP2-EXDMD | WAIKEDMD | Excess Demand Charge | 0.6400 | \$/kVa/Day |
| NZWEP2 | Business - 1360 | NZWEP2-REACTIVE | WAIKPWRF | Power Factor Charge | 0.0200 | \$/kVarh |
| NZWEP2 | Business - 1360 | NZWEP2-SUDAMD | WAIKDASM | Peak Demand Summer | 11.6360 | \$/kVa/Month |
| NZWEP2 | Business - 1360 | NZWEP2-WIDAMD | WAIKDAWM | Peak Demand Winter | 18.0837 | \$/kVa/Month |
| NZWEP3 | Residential Standard - 1154 | NZWEP3-FIXD | | Fixed Daily Charge | 1.2000 | \$/Day |
| NZWEP3 | Residential Standard - 1154 | NZWEP3-OPKOOOC | WAIKOFPK | Variable Charge - Off Peak | 0.0276 | \$/kWh |
| NZWEP3 | Residential Standard - 1154 | NZWEP3-PKOOOC | WAIKPEAK | Variable Charge - Peak | 0.1157 | \$/kWh |
| NZWEP3 | Residential Standard - 1154 | NZWEP3-SPKOOOC-WD | WAIKSHDR | Variable Charge - Shoulder | 0.0482 | \$/kWh |
| NZWEP3 | Residential Standard - 1154 | NZWEP3-SPKOOOC-WE | WAIKSHDR | Variable Charge - Shoulder | 0.0482 | \$/kWh |

WAIKCAPY

Is applied for the customer nominated capacity (in kVA) per day as per EA registry. Customers can request a change once per annum to their nominated capacity.

WAIKEDMD

Will be applied to anytime peak demand in excess of the customer nominated capacity in the billable period.

WAIKDASM

Is applied based on the average of the customers six highest half hour periods (kVA) during WEL's peak time periods each summer month. Summer is defined as the period from 1 October to 30 April (inclusive). Peak times are between 7 am to 9.30 am and 5.30 pm and 8 pm on weekdays excluding public holidays.

WAIKDAWM

Is applied based on the average of the customers six highest half hour periods (kVA) during WEL's peak time periods each winter month. Winter is defined as the period from 1 May to 30 September (inclusive). Peak times are between 7 am to 9.30 am and 5.30 pm and 8 pm on weekdays excluding public holidays.

WAIKPWRF

Applies to large and asset specific customers only and is a price on the volume of reactive energy, measured as kilovolt amps reactive hour (kVARh), is used when the power factor is less than 0.95 within each half hour time period. Chargeable kVARh is determined by calculating the maximum of 0 or kVARh - kWh x 0.328684 (Note: 0.328684 relates to the cosine of the angle between kW and kVA when power factor = 0.95).

WAIKOFPK

All days between 22:00 and 07:00.

WAIKSHDR

Business days between 09:30 to 17:30 and 20:00 to 22:00. Weekends and public holidays between 07:00-22:00.

WAIKPEAK

Business days excluding public holidays between 07:00 to 09:30 and 17:30 to 20:00.