

**INFRASTRUCTURE SOLUTIONS NEW ZEALAND LIMITED (ISNZ)
NETWORK PRICING SCHEDULE 1 AUGUST 2023 TO 31 MARCH 2024**

AUCKLAND AREA – PARENT NETWORK OWNER UNET/VECT

RESIDENTIAL AND GENERAL PRICING

| RESIDENTIAL AND GENERAL PRICING FROM 1 AUGUST 2023 | | | | | |
|---|-----------------------------------|--------------------|---------------------------|-------------|--------------|
| Price Category Code | Price Category Description | Tariff Code | Tariff Description | Rate | Units |
| Residential NON-TOU | | | | | |
| ISAKRL | Residential Low User | ISAKRL-FIXD | Daily | 0.4500 | \$/day |
| ISAKRL | Residential Low User | ISAKRL-24UN | Uncontrolled | 0.0982 | \$/kWh |
| ISAKRS | Residential Standard User | ISAKRS-FIXD | Daily | 1.3000 | \$/day |
| ISAKRS | Residential Standard User | ISAKRS-24UN | Uncontrolled | 0.0594 | \$/kWh |
| Residential TOU | | | | | |
| ISAKHRL | Residential Low User | ISAKHRL-FIXD | Daily | 0.4500 | \$/day |
| ISAKHRL | Residential Low User | ISAKHRL-PEAK | Peak | 0.1652 | \$/kWh |
| ISAKHRL | Residential Low User | ISAKHRL-OFPK | Off Peak | 0.0683 | \$/kWh |
| ISAKHRS | Residential Standard User | ISAKHRS-FIXD | Daily | 1.3000 | \$/day |
| ISAKHRS | Residential Standard User | ISAKHRS-PEAK | Peak | 0.1242 | \$/kWh |
| ISAKHRS | Residential Standard User | ISAKHRS-OFPK | Off Peak | 0.0305 | \$/kWh |
| General NON-TOU | | | | | |
| ISAKBS | General | ISAKBS-FIXD | Daily | 1.5200 | \$/day |
| ISAKBS | General | ISAKBS-24UN | Uncontrolled | 0.0499 | \$/kWh |
| General TOU | | | | | |
| ISAKHBS | General | ISAKHBS-FIXD | Daily | 1.5200 | \$/day |
| ISAKHBS | General | ISAKHBS-PEAK | Peak | 0.1139 | \$/kWh |
| ISAKHBS | General | ISAKHBS-OFPK | Off Peak | 0.0213 | \$/kWh |

Price Category Code Explanation

- ISAK = Infrastructure Solutions NZ Ltd - Auckland
- RL = Residential Low User
- RS = Residential Standard User
- HRL = Half-Hour Residential Low User
- HRS = Half-Hour Residential Standard User
- BS = General connection (non-Residential and no greater than 69 kVA)
- HBS = Half-Hour General connection (non-Residential and no greater than 69 kVA)

COMMERCIAL PRICING

| COMMERCIAL PRICING FROM 1 AUGUST 2023 | | | | | |
|---------------------------------------|----------------------------|-------------|--------------------|---------|------------|
| Price Category Code | Price Category Description | Tariff Code | Tariff Description | Rate | Units |
| COMMERCIAL NON-TOU | | | | | |
| ISAKCVN | Commercial | ISAKCV-FIXD | Daily | 2.1000 | \$/day |
| ISAKCVN | Commercial | ISAKCV-24UN | Uncontrolled | 0.0767 | \$/kWh |
| ISAKCVN | Commercial | ISAKCV-CAPY | Capacity | 0.0469 | \$/kVA/day |
| ISAKCVN | Commercial | ISAKCV-DAMD | Demand | 0.0000 | \$/kVA/day |
| COMMERCIAL CUN | | | | | |
| ISAKCUN | Commercial | ISAKCV-FIXD | Daily | 5.9200 | \$/day |
| ISAKCUN | Commercial | ISAKCV-24UN | Uncontrolled | 0.0545 | \$/kWh |
| ISAKCUN | Commercial | ISAKCV-CAPY | Capacity | 0.0436 | \$/kVA/day |
| ISAKCUN | Commercial | ISAKCV-DAMD | Demand | 0.0000 | \$/kVA/day |
| COMMERCIAL TOU | | | | | |
| ISAKCVH | Commercial | ISAKCV-FIXD | Daily | 2.1000 | \$/day |
| ISAKCVH | Commercial | ISAKCV-24UN | Uncontrolled | 0.0472 | \$/kWh |
| ISAKCVH | Commercial | ISAKCV-CAPY | Capacity | 0.0469 | \$/kVA/day |
| ISAKCVH | Commercial | ISAKCV-DAMD | Demand | 0.1364 | \$/kVA/day |
| COMMERCIAL CUH | | | | | |
| ISAKCUH | Commercial | ISAKCV-FIXD | Daily | 11.1500 | \$/day |
| ISAKCUH | Commercial | ISAKCV-24UN | Uncontrolled | 0.0316 | \$/kWh |
| ISAKCUH | Commercial | ISAKCV-CAPY | Capacity | 0.0436 | \$/kVA/day |
| ISAKCUH | Commercial | ISAKCV-DAMD | Demand | 0.1249 | \$/kVA/day |

Price Category Code Explanation

- ISAK = Infrastructure Solutions NZ Ltd - Auckland
 CVN = Commercial Connection (greater than 69 kVA) Vector Network, Non-Half Hour
 CUN = Commercial Connection (greater than 69 kVA) UNET Network, Non-Half Hour
 CVH = Commercial Connection (greater than 69 kVA) Vector Network, Half-Hour
 CUH = Commercial Connection (greater than 69 kVA) UNET Network, Half-Hour

Tariff Code Explanation

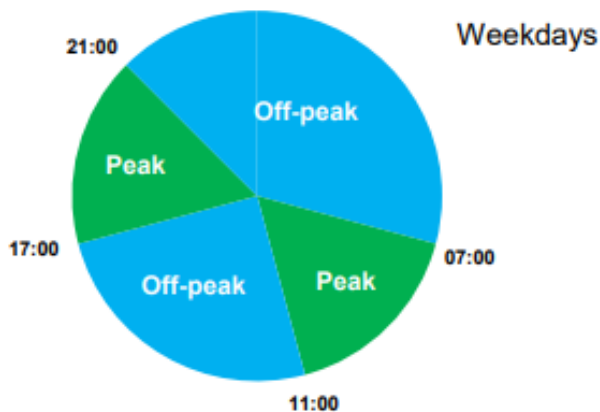
- FIXD - Daily = Applies to the number of days each ICP is Active.
 24UN - Uncontrolled = Applies to electricity used
 PEAK = Applies to electricity used during peak periods
 OFPK = Applies to electricity used during off peak periods
 CAPY - Capacity = Applies to the nominated capacity of the consumers connection to our network as displayed in the Electricity Registry under "Chargeable Capacity"
 DAMD - Demand = Applies to the average of the consumers ten highest kVA demands (twice the kVAh half hourly reading) between 08:00 and 20:00 (time periods 17-40) on weekdays, including public holidays, in any one month.

Peak and Off-peak Periods for Residential and General time of use (TOU) Price Categories

| Period Type | Days | Times | Period Numbers |
|-------------|--|---------------|----------------|
| Peak | Monday to Friday (including public holidays) | 07:00 - 11:00 | 15 - 22 |
| | | 17:00 - 21:00 | 35 - 42 |
| Off Peak | Monday to Friday (including public holidays) | 11:00 - 17:00 | 23 - 34 |
| | | 21:00 - 07:00 | 43 - 14 |
| | Saturday and Sunday | All times | All periods |

The following chart shows the times on weekdays to which the peak and off-peak volume prices apply for the half hour Price Categories.

The following chart shows the times on weekdays to which the peak and off-peak volume prices apply for the half hour Price Categories.



Missing interval data and persistent metering issues

In instances of missing interval data, Retailers are to use good industry practice to estimate missing data and the standard wash-up process to adjust estimated to actual data as appropriate. ISNZ expects all Retailers to reconcile with ISNZ using aggregated half hourly data unless there are persistent metering issues. In instances of persistent metering issues for residential and general Customers, Retailers are to use good industry practice in identifying affected ICPs and request an exemption for persistent metering data exceptions including non-interval capable or non-communicating meters by emailing us at support@isnzl.co.nz.

Unmetered Consumption

| | | |
|--|--------------|----------------------------|
| <p>Consumption for non-streetlight unmetered consumers is determined by ISNZ based on load profile and fitting input wattages.</p> <p>Consumption for streetlight unmetered consumers is determined by multiplying the input wattage of each fitting in a database administered by ISNZ, with the load factor, the number of days in each month and the night hours per day stated in the adjacent table.</p> <p>A minimum load factor of 1.1 is applied to the input wattage for non-streetlight appliances and 1.0 for streetlight appliances.</p> | Month | Night hours per day |
| | January | 9.61 |
| | February | 10.57 |
| | March | 11.61 |
| | April | 12.87 |
| | May | 13.81 |
| | June | 14.33 |
| | July | 14.13 |
| | August | 13.29 |
| | September | 12.17 |
| | October | 11.00 |
| | November | 9.93 |
| | December | 9.32 |

GST

All prices are GST exclusive.

Provision of billing information

Retailer must provide ISNZ with consumption data for each ICP and for each price as described in this schedule. Where more than one meter at a Point of Connection is in use, but a single volume price applies, consumption data must be aggregated by the Retailer before submitting to ISNZ.

For residential and general consumers, where a half hourly meter is fitted, consumption data must be aggregated by the Retailer to match the appropriate prices and time periods before submitting the data to ISNZ.

For commercial Customers, where a half hourly meter is fitted and the consumer's Price Category requires half hourly data, the consumer's Retailer must submit half hourly consumption information. Half hourly data provided by the Retailer must contain at least two of the following channels: kWh, kVARh and kVAh.

The following table shows the EIEP file type required to be submitted to ISNZ for each Price Category. Customer type Price Category type Price Category EIEP.

| Consumer type | Price Category Type | Price Category | EIEP file type |
|---------------|---------------------|------------------|----------------|
| Residential | Time of Use (TOU) | ISAKHRL, ISAKHRS | EIEP1 |
| | Non TOU | ISAKRL, ISAKRS | EIEP1 |
| General | Unmetered | ISAKBS, ISAKHBS | EIEP1 |
| | Time of Use (TOU) | ISAKHBS | EIEP1 |
| | Non TOU | ISAKBS | EIEP1 |
| Commercial | Time of Use (TOU) | ISAKCVH, ISAKCUH | EIEP3 |
| | Non TOU | ISAKCVN, ISAKCUN | EIEP1 |

LOSS FACTORS

NETWORK DETAILS POCs CHV0011 CAT0011 CHV 1002165942UN5E6 Gate meter ICP CAT 1002165943UN9A3 Gate meter ICP

| NSP | LOCATION | Parent Netork GXP | Parent Network | Netork Loss Code | Parent Netork Loss Factor |
|--------------|-------------------------------------|-------------------|----------------|------------------|---------------------------|
| CHV0011ISNZE | 8 Chivalry Road Glenfield Auckland | ALB1101 | UNET | VECW1 | 1.0568 |
| CAT0011ISNZE | 37 Camelot Place Glenfield Auckland | ALB0331 | UNET | VECW1 | 1.0568 |

NETWORK LOSSES

| NSP | Loss Code | ISNZ Loss Factor | Parent Network | Parent Network Loss Code | Parent Loss Factor | Total Loss Factor | Generation Loss Factor |
|--------------|-----------|------------------|----------------|--------------------------|--------------------|-------------------|------------------------|
| CHV0011ISNZE | CHVL1 | 1.0000 | UNET | VECW1 | 1.0568 | 1.0568 | 1.0000 |
| CAT0011ISNZE | CMTL1 | 1.0000 | UNET | VECW1 | 1.0568 | 1.0568 | 1.0000 |

NETWORK DETAILS POCs KAU0011 SEL0011 KAU Not yet issued Gate meter ICP SEL 1002171405UN1E0 Gate meter ICP

| NSP | LOCATION | Parent Netork GXP | Parent Network | Netork Loss Code | Parent Netork Loss Factor |
|--------------|-------------------------------------|-------------------|----------------|------------------|---------------------------|
| KAU0011ISNZE | 8 Chivalry Road Glenfield Auckland | ALB0331 | UNET | VECW1 | 1.0568 |
| SEL0011ISNZE | 37 Camelot Place Glenfield Auckland | ALB1101 | UNET | VECW3 | 1.0430 |

NETWORK LOSSES

| NSP | Loss Code | ISNZ Loss Factor | Parent Network | Parent Network Loss Code | Parent Loss Factor | Total Loss Factor | Generation Loss Factor |
|--------------|-----------|------------------|----------------|--------------------------|--------------------|-------------------|------------------------|
| KAU0011ISNZE | KAULL1 | 1.0000 | UNET | VECW1 | 1.0568 | 1.0568 | 1.0000 |
| SEL0011ISNZE | SELLL1 | 1.0132 | UNET | VECW3 | 1.0430 | 1.0568 | 1.0000 |