April 2025

TO: **All Electricty Retailers**

By Email

GALAXY NETWORKS Limited (GALX) – Network Pricing and Loss Factors

Valid from: 1 April 2025

Valid To: 31 March 2026

This letter sets our our network pricing effective 1 April 2025.

All amounts are GST exclusive and there are no discounts.

1. **Prices**

   With the exception of our Industrial pricing categories, our pricing is based on a **price match of the parent network operators pricing.** Our pricing mirrors that of Vector's on the VECT and UNET networks, Retailers receive the same charges from us as they would have if their customer was on a Vector network.

2. **Transpower Charges**

   You will be aware that Vector has made changes to how it recovers its Transpower charges including a new "wash up" regime.

   We have introduced this same "wash up" regime to ensure we are able to either refund you, or invoice you for additional Transpower charges, based on Vector's final Transpower charges to us.

   Our Transpower charges policy is as set out below:

   2.1. Recovering Transpower's charges from you

   We have incorporated Vector's Transpower charges to us into our per Kilowatt hourly rate for all Anytime and TOU electrcity usage tarriffs.

   The rate we have incorported into our Anytime pricing is $0.0279 per klowatt hour. This is the average per kilowatt hour rate we expect to be charged across all GXPs we currently operate on, as per Vector's published "GXP Transmission Price 2025-26" file.

2.2. Washups

As each retailer's share of consumption at each GXP can change throughout the pricing period (due to changes in ICPs and/or volumes through ICPs), we will for each month in the pricing year recalculate each Retailer's charges at each GXP.

When recalculating your actual Transpower charges, we will apply Vector's actual per kilowatt hour rate for each GXP to your volumes through each GXP.

This is how this will wotk:

2.2.1. We will provide you with an indication of how your wash-ups are tracking throughout the year. We will detremine a monthly wash-up amount by calculating the difference between the quantity and price collected from you and the quantilty and price we will actually be charged by Vector.

2.2.2. After the end of the pricing year (likley in July) we will issue a wash-up invoice or credit note for the accumulated wash-up amounts (12 months).

2.2.3. We will provide you with an indication of how your wash-ups are tracking (likley quarterly).

3. Our Pricing

Please find below our pricing effective 1 April 2025.

We have attached an EIEP12 file, and we have also uploaded this file to you via the Registry portal.

GALAXY NETWORKS PRICING EFFECTIVE 1 APRIL 2025

GALAXY RESIDENTIAL AND GENERAL PRICING FROM 1 APRIL 2025						
Price Category Code	**Parent Network Equivalent**	**Price Category Description**	**Tariff Code**	**Tariff Description**	**Rate**	**Units**
Residential NON-TOU						
GXAKRLN	ARNLU/WRNLU	Residential Low User	GXAKRLN-FIXD	Daily	0.7500	$/day
GXAKRLN	ARNLU/WRNLU	Residential Low User	GXAKRLN-24UN	Anytime	0.0921	$/kWh
GXAKRSN	ARNSU/WRNSU	Residential Standard User	GXAKRSN-FIXD	Daily	1.7453	$/day
GXAKRSN	ARNSU/WRNSU	Residential Standard User	GXAKRSN-24UN	Anytime	0.0467	$/kWh
Residential TOU						
GXAKRLH	ARHLU/WRHLU	Residential Low User	GXAKRLH-FIXD	Daily	0.7500	$/day
GXAKRLH	ARHLU/WRHLU	Residential Low User	GXAKRLH-OPEK	Off Peak	0.0733	$/kWh
GXAKRLH	ARHLU/WRHLU	Residential Low User	GXAKRLH-PEAK	Summer Peak	0.0733	$/kWh
GXAKRLH	ARHLU/WRHLU	Residential Low User	GXAKRLH-PEAK	Winter Peak	0.1864	$/kWh
GXAKRSH	ARHSU/WRHSU	Residential Standard User	GXAKRSH-FIXD	Daily	1.7453	$/day
GXAKRSH	ARHSU/WRHSU	Residential Standard User	GXAKRSH-OPEK	Off Peak	0.0279	$/kWh
GXAKRSH	ARHSU/WRHSU	Residential Standard User	GXAKRSH-PEAK	Summer Peak	0.0279	$/kWh
GXAKRSH	ARHSU/WRHSU	Residential Standard User	GXAKRSH-PEAK	Winter Peak	0.1410	$/kWh
General NON-TOU						
GXAKGN	ABSN/WBSN	General	GXAKGN-FIXD	Daily	2.1443	$/day
GXAKGN	ABSN/WBSN	General	GXAKGN-24UN	Anytime	0.0467	$/kWh
General TOU						
GXAKGH	ABSH/WBSH	General	GXAKGH-FIXD	Daily	2.1443	$/day
GXAKGH	ABSH/WBSH	General	GXAKGH-OPEK	Off Peak	0.0279	$/kWh
GXAKGH	ABSH/WBSH	General	GXAKGH-PEAK	Summer Peak	0.0279	$/kWh
GXAKGH	ABSH/WBSH	General	GXAKGH-PEAK	Winter Peak	0.1410	$/kWh

Price Category Code	Parent Network Equivalent	Price Category Description	Tariff Code	Tariff Description	Rate	Units
COMMERCIAL TOU						
GXAKCVH	ALVT/ALVTS/ALVTD	Commercial	GXAKCVH-FIXD	Daily	4.7600	$/day
GXAKCVH	ALVT/ALVTS/ALVTD	Commercial	GXAKCVH-24UN	Anytime	0.0435	$/kWh
GXAKCVH	ALVT/ALVTS/ALVTD	Commercial	GXAKCVH-CAPY	Capacity	0.0686	$/kVA/day
GXAKCVH	ALVT/ALVTS/ALVTD	Commercial	GXAKCVH-DAMD	Demand	0.1602	$/kVA/day
GXAKCVH	ALVT/ALVTS/ALVTD	Commercial	GXAKCVH-PFAC	Power Factor	0.3530	$/kVAr/day
GXAKCUH	WLVH/WLVHS/WLVHD	Commercial	GXAKCUH-FIXD	Daily	13.5200	$/day
GXAKCUH	WLVH/WLVHS/WLVHD	Commercial	GXAKCUH-24UN	Anytime	0.0368	$/kWh
GXAKCUH	WLVH/WLVHS/WLVHD	Commercial	GXAKCUH-CAPY	Capacity	0.0686	$/kVA/day
GXAKCUH	WLVH/WLVHS/WLVHD	Commercial	GXAKCUH-DAMD	Demand	0.1602	$/kVA/day
GXAKCUH	WLVH/WLVHS/WLVHD	Commercial	GXAKCUH-PFAC	Power Factor	0.3530	$/kVAr/day

GALAXY INDUSTRIAL PRICING FROM 1 APRIL 2025						
Price Category Code	**Parent Network**	**Price Category Description**	**Tariff Code**	**Tariff Description**	**Rate**	**Units**
INDUSTRIAL TOU						
GXAKIVH	ATXT/ATXTS/ATXTD	Industrial	GXAKIVH-FIXD	Daily	6.7600	$/day
GXAKIVH	ATXT/ATXTS/ATXTD	Industrial	GXAKIVH-24UN	Anytime	0.0513	$/kWh
GXAKIVH	ATXT/ATXTS/ATXTD	Industrial	GXAKIVH-CAPY	Capacity	0.0739	$/kVA/day
GXAKIVH	ATXT/ATXTS/ATXTD	Industrial	GXAKIVH-DAMD	Demand	0.1702	$/kVA/day
GXAKIVH	ATXT/ATXTS/ATXTD	Industrial	GXAKIVH-EXDA	Excess Demand	0.9140	$/kVA/day
GXAKIVH	ATXT/ATXTS/ATXTD	Industrial	GXAKIVH-PFAC	Power Factor	0.3630	$/kVAr/day
GXAKIUH	WTXH/WTXHS/WTXHD	Industrial	GXAKIUH-FIXD	Daily	15.5200	$/day
GXAKIUH	WTXH/WTXHS/WTXHD	Industrial	GXAKIUH-24UN	Anytime	0.0546	$/kWh
GXAKIUH	WTXH/WTXHS/WTXHD	Industrial	GXAKIUH-CAPY	Capacity	0.0721	$/kVA/day
GXAKIUH	WTXH/WTXHS/WTXHD	Industrial	GXAKIUH-DAMD	Demand	0.1702	$/kVA/day
GXAKIUH	WTXH/WTXHS/WTXHD	Industrial	GXAKIUH-EXDA	Excess Demand	0.9140	$/kVA/day
GXAKIUH	WTXH/WTXHS/WTXHD	Industrial	GXAKIUH-PFAC	Power Factor	0.3630	$/kVAr/day

GALX LOSS FACTORS EFFECTIVE 1 APRIL 2025

GALX Loss Code	GALX Loss Factor Consumption	Network Code	Network Loss	Total Loss Factor	Loss Factor Generation
GXA1L1	1.0000	VECA1	1.0533	1.0533	1.0000
GXA3L1	1.0166	VECA3	1.0361	1.0533	1.0000
GXW1L1	1.0000	VECW1	1.0561	1.0561	1.0000
GXW3L1	1.0137	VECW3	1.0418	1.0561	1.0000
GXW4L1	1.0330	VECW4	1.0224	1.0561	1.0000

Residential and General Price Category Code Explanation

GXAK	=	Galaxy Networks Ltd - Auckland
RLN	=	Residential Low User NON TOU
RLH	=	Residential Low User TOU
RSN	=	Residential Standard User NON TOU
RSH	=	Residential Standard User TOU
GN	=	General Connection NON TOU (non-Residential and no greater th
GH	=	General Connection TOU (non-Residential and no greater than 69

Commercial Price Category Code Explanation

GXAK	=	Galaxy Networks Ltd - Auckland
CVH	=	Commercial Connection VECT network TOU (greater than 69 kVA)
CUH	=	Commercial Connection UNET network TOU (greater than 69 kVA

Industrial Price Category Code Explanation

GXAK	=	Galaxy Networks Ltd - Auckland
IVH	=	Industrial Connection VECT network TOU (greater than 69 kVA)
IUH	=	Industrial Connection UNET network TOU (greater than 69 kVA)

Tariff Code Explanation

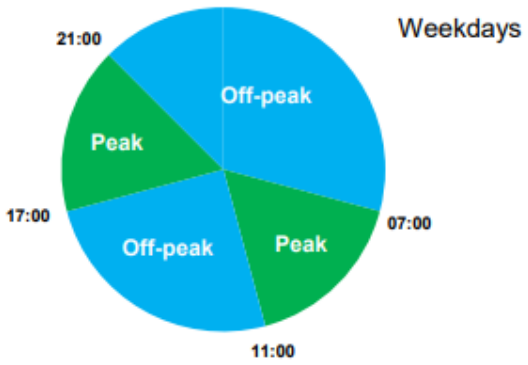
FIXD - Daily	=	Applies to the number of days ICP is Active
24UN - Anytime	=	Applies to electrcity used Anytime
OPEK - Off Peak Volumes	=	Applies to electricity used during Off Peak Periods
PEAK - Summer Peak Volumes	=	Applies to electricity used during Summer Peak Periods, October to March inclusive.
PEAK - Winter Peak Volumes	=	Applies to electricity used during Winter Peak Periods, April to September inclusive.
CAPY - Capacity	=	Applies to the nominated capacity of the consumers connection as displayed in the Electricity Registry under "Chargeable Capacity"
DAMD - Demand	=	Applies to the average of the consumers 10 highest kVA demands (twice the kVAh half hour reading) between 08:00 and 20:00 (time periods 17-40) on weekdays, including public holidays, in any one month.
EXDA - Excess Demand	=	The difference betrween the anytime maximum kVA demand (twice the maximum kVAh half hourly reading) and the nominated capacity in any one month, where the Customer's anytime maximum demand is greater than the nominated capacity.
PFAC - Power factor	=	Applies to the Power factor amount.

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

Consumption for the unmetered Price Category (ABSU, WBSU)

Consumption for non-streetlight unmetered Customers is determined by Vector based on load profile and fitting input wattages.

Consumption for streetlight unmetered Customers is determined by multiplying the input wattage and ballast losses of each fitting in a database administered by Vector, with the load factor, the number of days in each month and the night hours per day stated in the adjacent table:

A minimum load factor of 1.1 is applied to the input wattage for non-streetlight appliances and 1.0 for streetlight appliances.

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

Power Factor

If the Customer's power factor is below 0.95 lagging, ISNZ may apply power factor prices. Where the Customer's Metering Equipment does not record power factor, ISNZ may install power factor monitoring equipment and monitor the Customer's power factor.
The power factor amount is determined each month where a customer's power factor is less than 0.95 lagging. This power factor amount (kVAr) is represented by twice the largest difference between the Customer's kVArh recorded in any one half-hour period and the kWh demand divided by three recorded in the same half-hour period, during each month. The price is applicable between 08:00 and 20:00 (time periods 17 to 40) on weekdays including public holidays.

The following conditions apply to all Price Categories:

ISNZ may require the Customer's demand not to exceed the capacity of their Point of Connection at any time
Changes to the capacity of the Customer's Point of Connection may be requested by the Trader.
ISNZ may pass some or all of the costs associated with the change in capacity on to the Trader (including removal of stranded assets such as transformers); and
Changes to the Customer's capacity are subject to the agreement of ISNZ and the availability of spare capacity on ISNZ's Network and may be subject to additional charges (such as capital contributions).

Provision of Billing Information

The Customer's Trader 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.

Consumer Type	**Price Category Type**	**Price Category**	**EIEP Fle Type**
Residential	Non TOU	GXAKRLN, GXAKRSN	EIEP1
	TOU	GXAKRLH, GXAKRSH	EIEP1
General	Non TOU	GXAKGN	EIEP1
	TOU	GXAKGH	EIEP1
Commercial	Time of Use (TOU)	GXAKCVH, GXAKCUH	EIEP3
Industrial	Time of Use (TOU)	GXAKIVH, GXAKIUH	EIEP3