

## HALF HOURLY (HH) CAPACITY LEVEL REPORT

Simplified Data + Detailed Service = Significant Savings

<b>Customer Name:</b>	XXXXXXXX XXXX
<b>Supply Address:</b>	XXXXXX XXXXXXXX
<b>Electricity Core MPAN:</b>	XXXXXXXXXXXXXXXXXX
<b>Electricity MSN:</b>	XXXXXXXXXXXX
<b>Current Supplier:</b>	XXXXXXXX XXXXXXXX
<b>Preliminary Authoriser:</b>	XXXXXXXX
<b>HH Data Sourced From:</b>	XXXXXXXXXXXXXX
<b>Report Date:</b>	XX-XX-XXX

*\*Supply Address, Meter Serial Number (MSN) & Current Supplier details typically sourced from [ElectraLink](#).*

Distribution Use of System (DUoS) and Transmission Network Use of System (TNUoS) charges are expected to rise significantly over the next 5 years to recover the costs associated with developing infrastructure for the UK's energy transition. Some of these pass-through charges are clearly visible within your energy bills but some are not. For example, the expensive TNUoS pass-through charges are typically included within the standing charge of a Customer's energy bill. There may be opportunities to reduce these costs substantially.

We have now obtained 52,602 HH data points from [ElectraLink](#) and processed via our [EnergyBucket](#) covering consumption period 01-01-2023 to 31-12-2025 for your supply.

This HH Capacity Level Report shows your supply's historical Maximum Demand (MD) data which affects how much you pay for DUoS + TNUoS within your energy bills. It also evaluates potential opportunities to reduce costs by lowering the agreed Maximum Import Capacity (MIC) with the relevant District Network Operator (DNO) subject to no plans to increase electricity demand considerably in future.

## Your DUoS + TNUoS Pass Through Charges:

DUoS + TNUoS pass-through charges for your type of advanced HH supply are based on your current agreed MIC level with your local DNO.

Based on your current MIC of 300 kVA and DUoS Tariff ID of 074, the DUoS + TNUoS pass-through charges for your supply are as follows:

Fiscal Year	Current DUoS Capacity Charge (p/kVA/day)	Current DUoS Capacity Cost (£)	Current DUoS + TNUoS Fixed Charge (p/day)	Current DUoS + TNUoS Fixed Cost (£)
Remainder of Current Fiscal Year:	3.54	626.58	2,299.80	1,356.88
Next Fiscal Year:	7.23	7,916.85	3,849.41	14,050.33

*\*The above figures are based on published tariffs set by the relevant DNO and the National Energy System Operator (NESO) covering the relevant fiscal years (1st April to 31st March). Current Fiscal Year Cost calculations are based on the time period remaining until the next 31st March.*

If there are no changes applied to the current agreed MIC level, your DUoS + TNUoS pass-through charges for this supply are £7,916.85 + £14,050.33 respectively for the next fiscal year and these costs are planned to rise year on year. These pass-through charges will be reflected within your energy bills.

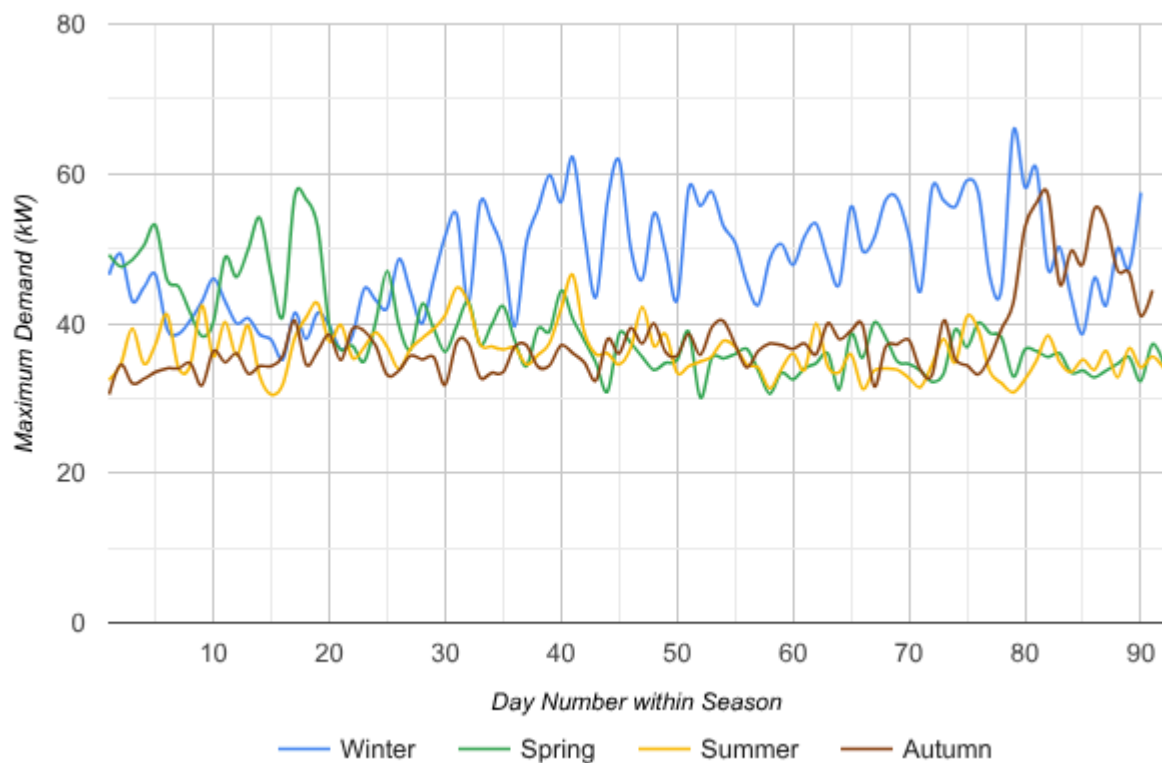
By assessing your historical MD usage, you can determine whether your current MIC is at the correct level or whether it can be reduced for lower pass-through charges. Even if it cannot be reduced, it informs you of your energy demand patterns which may lead to savings through an energy optimiser.

The next three analysis pages report your MD usage for each year to assist you with making more informed decisions about your energy. The tables show your recorded MD for each season. The charts number your daily MD results based on the date order within the seasons (without considering the year). For example, if your HH data covered 01-05-2024 to 30-04-2025, then the Spring line will be ordered as 01-03-25 (1), 02-03-25 (2), ..., 30-04-25 (61), 01-05-24 (62), 02-05-24 (63), ..., 31-05-24 (92) etc.

## Our Analysis of Your HH Data (Y1 - 01-01-2025 to 31-12-2025):

17,517 HH data points were analysed for this 12 month period with a recorded MD of 65.70 kW which took place on 17-02-2025 between 10:30 and 11:30.

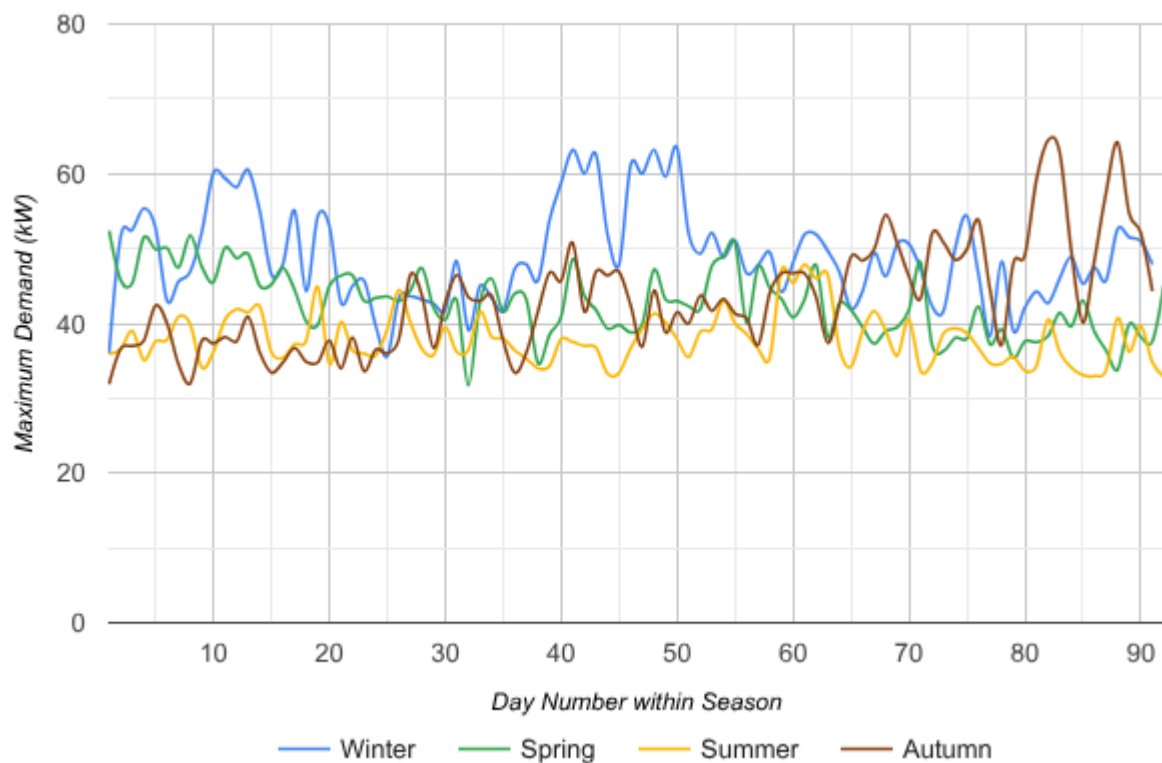
Seasons	MD	MD Start Time	MD End Time	MD Date
<b>Winter (Dec-Feb)</b>	65.70	10:30	11:30	17-02-2025
<b>Spring (Mar-May)</b>	56.80	10:30	11:30	17-03-2025
<b>Summer (Jun-Aug)</b>	46.50	15:30	16:30	11-07-2025
<b>Autumn (Sep-Nov)</b>	57.20	16:30	17:30	21-11-2025



## Our Analysis of Your HH Data (Y2 - 01-01-2024 to 31-12-2024):

17,565 HH data points were analysed for this 12 month period with a recorded MD of 64.50 kW which took place on 21-11-2024 between 16:00 and 17:00.

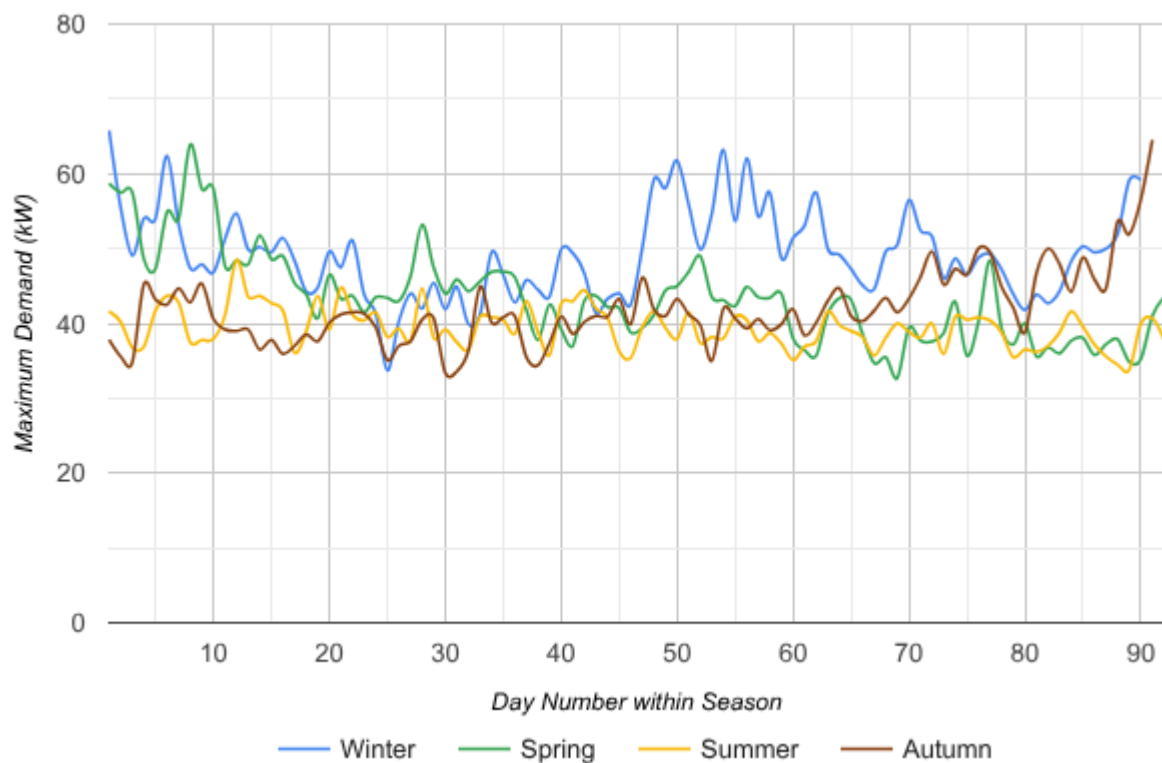
Seasons	MD	MD Start Time	MD End Time	MD Date
Winter (Dec-Feb)	63.50	12:00	13:00	19-01-2024
Spring (Mar-May)	52.40	17:00	18:00	01-03-2024
Summer (Jun-Aug)	47.90	12:00	13:00	31-07-2024
Autumn (Sep-Nov)	64.50	16:00	17:00	21-11-2024



## Our Analysis of Your HH Data (Y3 - 01-01-2023 to 31-12-2023):

17,517 HH data points were analysed for this 12 month period with a recorded MD of 65.80 kW which took place on 01-12-2023 between 16:30 and 17:30.

Seasons	MD	MD Start Time	MD End Time	MD Date
Winter (Dec-Feb)	65.80	16:30	17:30	01-12-2023
Spring (Mar-May)	63.90	13:00	14:00	08-03-2023
Summer (Jun-Aug)	48.50	12:00	13:00	12-06-2023
Autumn (Sep-Nov)	64.50	16:00	17:00	30-11-2023



## HH Capacity Level Reduction Opportunity:

<b>Electricity Core MPAN:</b>	XXXXXXXXXXXXXX
<b>Effective Date of Change:</b>	XX-XX-XXXX
<b>Next Fiscal Year Saving:</b>	£15,112.26

*\*Next Fiscal Year Saving' represents the expected 12 month saving starting from the next 1st April after the 'Effective Date of Change'. Savings are expected to be greater in future years.*

To lower the pass-through DUoS + TNUoS charges within your energy bill, a new connection agreement needs to be arranged with your local DNO at a lower MIC level which is suitable for your supply.

It is important to set your agreed MIC at an appropriate level which is higher than your historical MD and also factors any plans to increase electricity demand in future. [Please read the important terms & conditions for this exercise.](#)

Subject to no plans for significant increase in power demand in future from this supply, and based on your historical MD reported above, one could consider applying the following:

Y1 MD: 65.70 kW  
Current DUoS Tariff ID: 074  
Capacity Level Uplift to Y1 MD: 50%  
New MIC Level: 99 kVA  
New DUoS Tariff ID: 072

By agreeing a new MIC level of 99 kVA with your DNO, the following new DUoS + TNUoS charges would apply after the above effective date of change::

Fiscal Year	Proposed DUoS Capacity Charge (p/kVA/day)	Proposed DUoS Capacity Cost (£)	Proposed DUoS + TNUoS Fixed Charge (p/day)	Proposed DUoS + TNUoS Fixed Cost (£)
Remainder of Current Fiscal Year:	3.54	206.77	677.88	399.95
Next Fiscal Year:	7.23	2,612.56	1,162.29	4,242.36

If we compare the two tables on pages 2 and 6, the total Next Year Fiscal savings can be calculated as follows:

	Annual Cost if No Change to MIC Level (£/year)	Annual Cost if MIC Level Revised (£/year)
<b>DUoS Capacity Cost:</b>	7,916.85	2,612.56
<b>DUoS + TNUoS Fixed Cost:</b>	14,050.33	4,242.36
<b>Next Year Fiscal Saving:</b>		<b>£15,112.26</b>

Please note, the DUoS Capacity Cost change will start from the effective date of the new connections agreement arranged with the relevant DNO. If a fully fixed supply contract was previously arranged with your current energy supplier, the DUoS + TNUoS Fixed Cost change will be effective from the next supply contract renewal date.

Should the above Next Year Fiscal Year Saving value be low, it will likely be because you have already completed the HH Capacity Level Reduction Savings exercise in the past several years or the MIC level was set up accurately at the time of supply registration. However, subject to interest, we do suggest a full survey is completed by an experienced energy optimiser who can issue a tangible report explaining the full breakdown of energy consumption at site. Assuming a suitable energy optimiser is selected, we believe the cost of the report will be fully justified as it will provide a current snapshot of energy systems and likely lead to additional energy cost savings in future.

## Report Summary:

Within this report, we have highlighted the rising costs of both DUoS + TNUoS over the next five years to recover the costs associated with developing infrastructure for the UK's energy transition.

We reported for electricity MPAN XXXXXXXXXXXX that, if there are no changes applied to the current agreed MIC level of 300 kVA, your DUoS + TNUoS pass-through charges for this supply are £7,916.85 + £14,050.33 respectively for the next fiscal year and these costs are planned to rise year on year. In most cases, the TNUoS pass-through charge is incorporated within your energy bill standing charge.

Three years worth of historical MD usage for this supply is reported in detail to identify whether there is an opportunity to lower these DUoS + TNUoS costs. In the last 12 months, we reported a MD of 65.70 kW which took place on 17-02-2025 between 10:30 and 11:30. The analysis data for the two years previous to this were also reported to demonstrate whether similar MD values and usage patterns were occurring each year.

With the three year period assessed, we suggest the MIC level for this supply could be set at 99 kVA based on a 50% uplift to the MD recorded in the last 12 months. By agreeing the new MIC level with your DNO, we calculated the total expected Next Year Fiscal Saving to be £15,112.26.

We mentioned the value of an experienced energy optimiser who can provide a full breakdown of energy consumption at site. This will be useful for those who would like greater certainty before committing to a MIC level reduction. Even if this report does not reflect a significant potential saving for HH Capacity Level Reduction, it will hopefully trigger a further review with a selected energy optimiser as they will likely be able to deliver on an optimisation strategy leading to additional savings in future.

It is very important to note that HH Capacity Level Reductions should only be completed if there are no plans to increase MD in future from the supply to such an extent that it will exceed the new MIC level. Please do read the associated [terms & conditions](#) before completing such a reduction.

If you have any questions relating to this report, please email [reports@energunite.com](mailto:reports@energunite.com).