Public

CMP440

Workgroup 3 (27 February 2025)

Online Meeting via Teams

NESO
National Energy
System Operator

WELCOME

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Record Meeting

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Agenda

Topics to be discussed	Lead
Welcome	Chair
Workgroup Responsibilities	Chair
Objectives and Timeline	Chair
Actions Review	All
Proposer Update	Proposer
Review Terms of Reference	All
Any Other Business	Chair
Next Steps	Chair

Expectations of a Workgroup Member

Contribute to the discussion

Be respectful of each other's opinions

Language and Conduct to be consistent with the values of equality and diversity

Do not share commercially sensitive information

Be prepared - Review Papers and Reports ahead of meetings

Complete actions in a timely manner

Keep to agreed scope

Email communications to/cc'ing the .box email

Your Roles
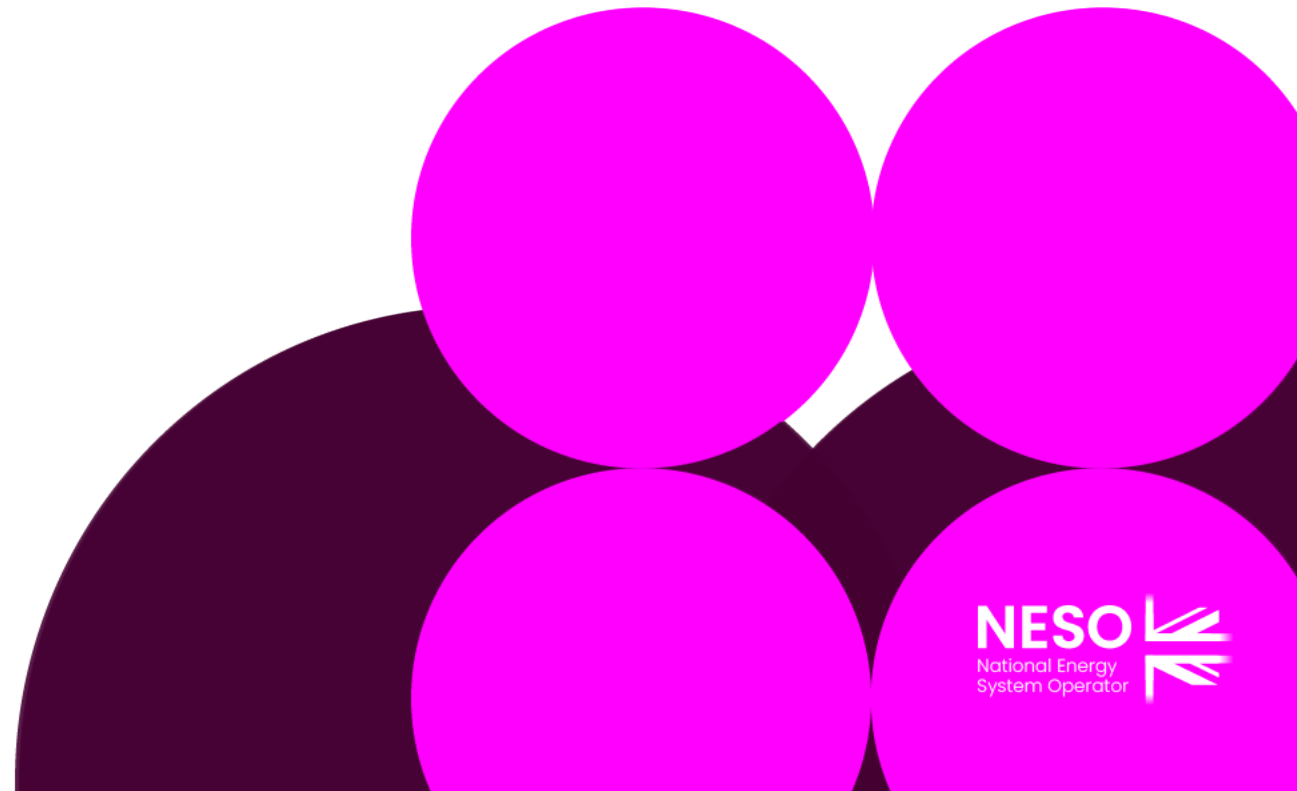
Help refine/develop the solution(s)

Bring forward alternatives as early as possible

Vote on whether or not to proceed with requests for Alternatives

Vote on whether the solution(s) better facilitate the Code Objectives

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Timeline

Teri Puddefoot – NESO Code Administrator

Timeline for CMP440 as at November 2024 (Panel)

Milestone	Date	Milestone	Date
Modification presented to Panel	27 September 2024	Workgroup 10	10 June 2025
Workgroup Nominations (15 business Days) 15 clear business days minimum	04 October 2024 to 01 November 2024	Workgroup 11	TBC
Workgroup 1	08 January 2025	Workgroup 12	TBC
Workgroup 2	23 January 2025	Workgroup report issued to Panel (5 business days)	16 June 2025
Workgroup 3	27 February 2025	Panel sign off that Workgroup Report has met its Terms of Reference	26 June 2025
Workgroup 4	11 March 2025	Code Administrator Consultation	01 July 2025 to 22 July 2025
Workgroup 5	31 March 2025	Draft Final Modification Report (DFMR) issued to Panel (5 business days)	14 August 2025
Workgroup Consultation (15 Business days)	07 April 2025	Panel undertake DFMR recommendation vote	22 August 2025
Workgroup 6	13 May 2025	Final Modification Report issued to Panel to check votes recorded correctly	28 August 2025
Workgroup Consultation (15 business days)	07 April 2025	Final Modification Report issued to Ofgem This is clear 5 business days after Final Modification Report is issued to Panel to check votes recorded correctly	03 September 2025
Workgroup 7	21 May 2025	Ofgem decision date	30 September 2025
Workgroup 8	22 May 2025	Implementation Date	01 April 2026
Workgroup 9	09 June 2025		

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Actions Review

Teri Puddefoot – NESO Code Administrator
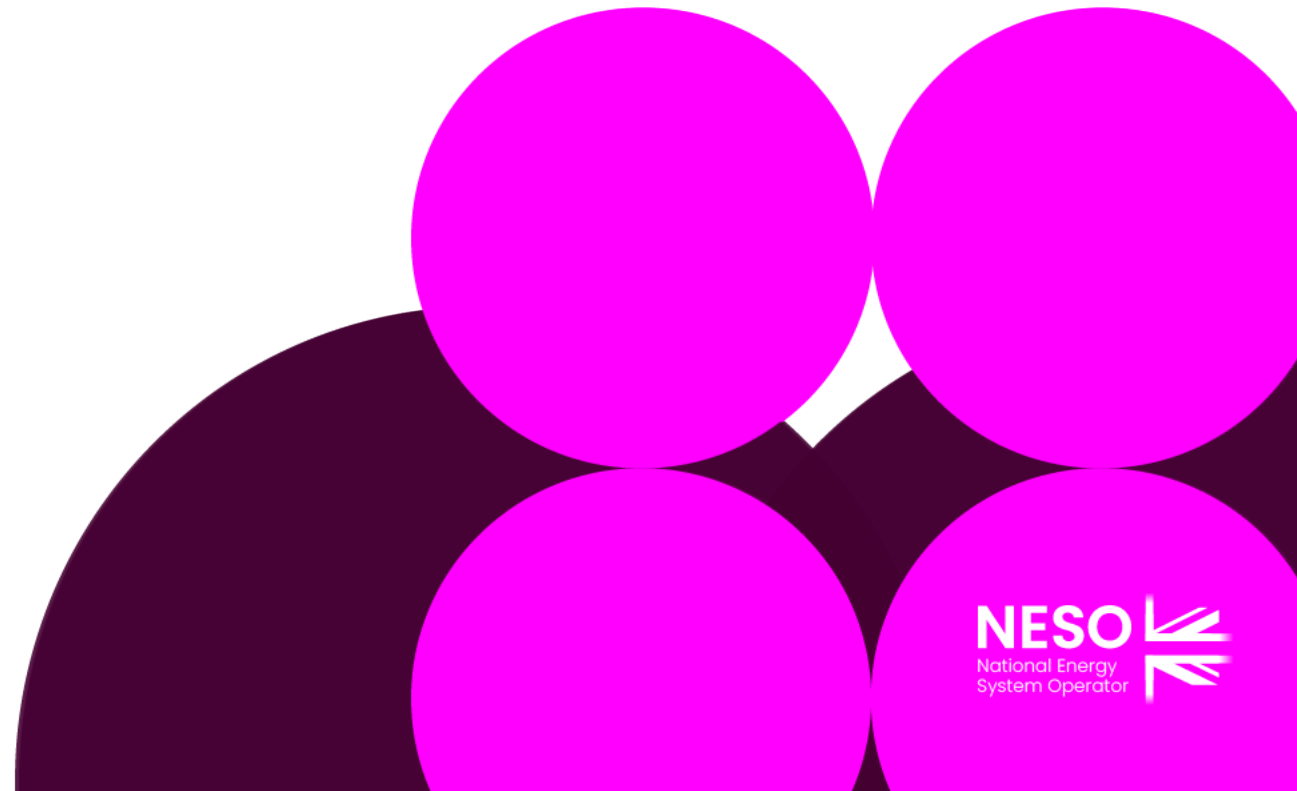
Actions

Action number	Workgroup Raised	Owner	Action	Comment	Due by	Status	Workgroup Closed
1	WG1	RP	Provide a view on TNUoS/BNUoS ongoing work relating to constraints (see slide 22, WG1). Including Risk and mitigation and modelling	Ongoing waiting update from Balancing team	WG3	Ongoing	
2	WG1	RP	Provide view on Electrolysers - Is this within Final Demand? Subject to locational signals?	Ongoing waiting on update from revenue team	WG3	Ongoing	
4	WG1	LJ	Provide worked numbers as per slide 29 (WG1)	This will be included in later reports. Still waiting on data from revenue team	WG3	Ongoing	
5	WG1	LJ and RP	Look at party profiles ahead of next WG		WG3	Ongoing	
6	WG2	MC	To gain data from the Revenue team for actual NHH for 4-7pm and NHH for all periods		WG3	Open	
7	WG2	LJ and RP	To review 14.16.2 Legal text		WG3	Open	

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Proposer's Update
Lauren Jauss – RWE
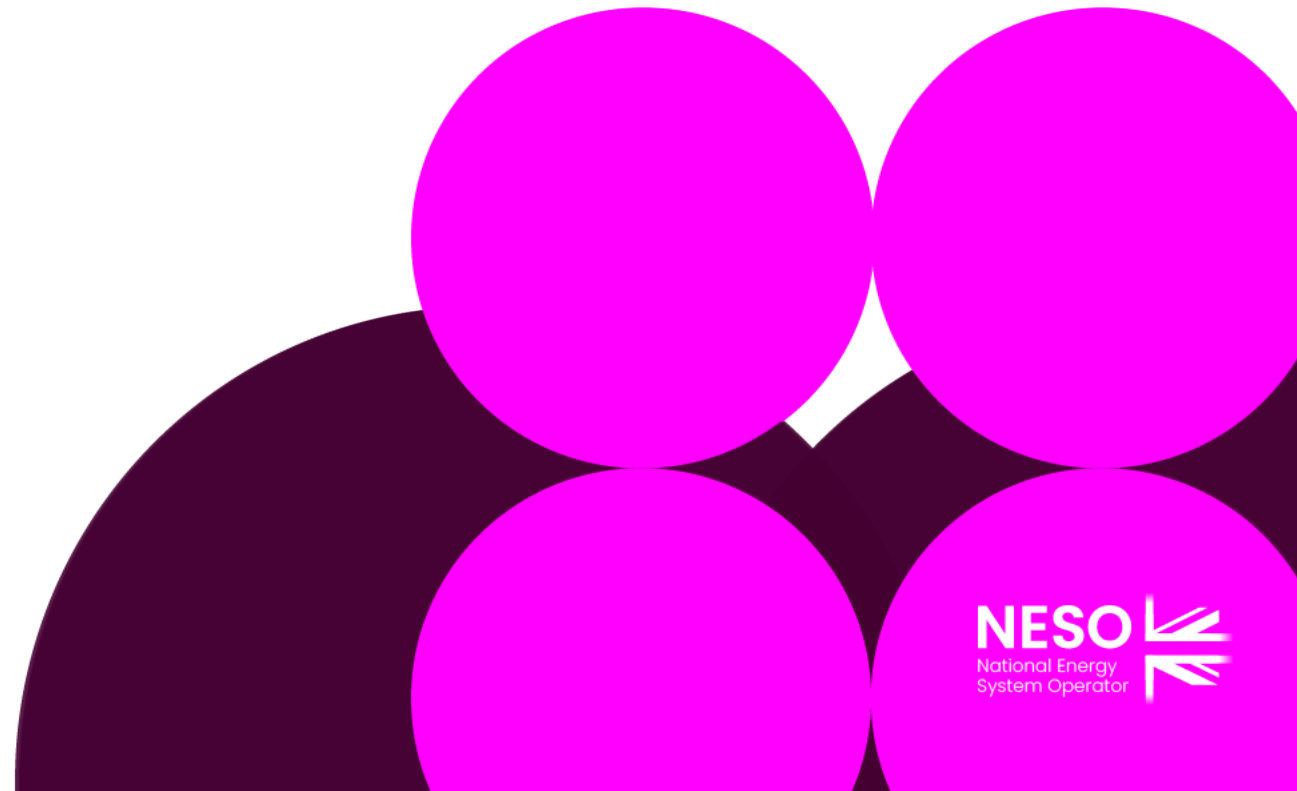
Current Approach
for Deriving p/kWh tariffs
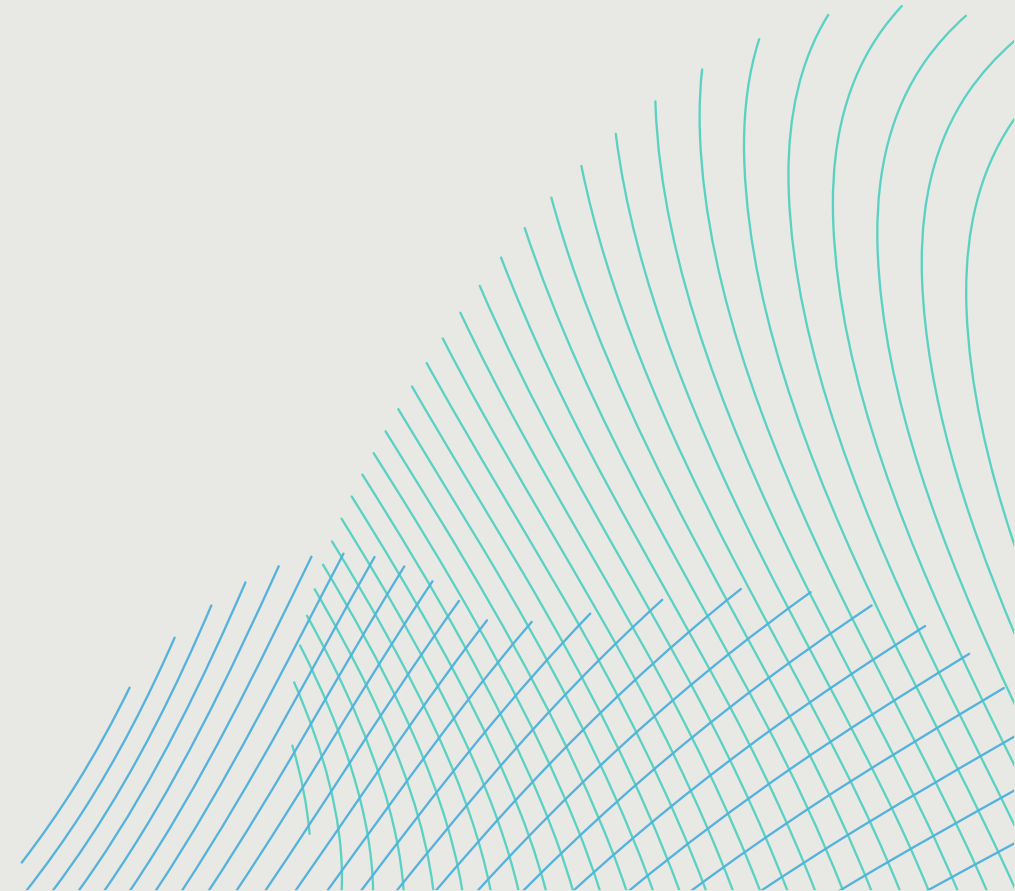
For Reference - Current Approach for Deriving p/kWh Tariffs

14.16.2 Following calculation of the Transmission Network Use of System £/kW HH Locational Demand Tariff (as outlined in Chapter 2: Derivation of the TNUoS Tariff) for each GSP Group a NHH Demand Locational Tariff is calculated as follows:

p/kWh Tariff = (NHHD$_F$ * £/kW Tariff - FL$_G$) *100
$\qquad\qquad\qquad\qquad$ NHHC$_G$

Where:

£/kW Tariff = The £/kW Effective HH Demand Locational Tariff (£/kW), as calculated previously, for the GSP Group concerned.

NHHD$_F$ = **The Company's** forecast of Suppliers' non-half-hourly metered Triad Demand (kW) for the GSP Group concerned. The forecast is based on historical data.

FL$_G$ = Forecast Liability incurred for the GSP Group concerned.

NHHC$_G$ = **The Company's** forecast of GSP Group non-half-hourly metered total energy consumption (kWh) for the period 16:00 hrs to 19:00hrs inclusive (i.e. settlement periods 33 to 38) inclusive over the period the tariff is applicable for the GSP Group concerned.

$$\frac{p}{kWh} Tariff =$$

$$\frac{NHH\ GSP\ Group\ Demand\ at\ Triad \times \frac{\pounds}{kW} Tariff}{Measured\ NHH\ GSP\ Group\ Demand\ 4-7pm} \times \frac{100p}{\pounds}$$

The p/kWh tariff is set so that it collects the same amount of revenue from NHH customers in each GSP group as it would if the charge was levied based on consumption at triad

Illustrative Example with Dummy Data (GSP Group H Southern)

Avg Demand 4-7pm Nov to Feb is 2530MW

Avg Demand 4-7pm All Year is 2140MW

Avg Demand All Year is 1820MW

Locational £/kW Tariff Based on Triad @ 3020MW

Legend: —— Avg Demand by HH —— Avg Demand 4-7pm Nov to Feb —— Avg Demand 4-7pm All Year —— Avg Demand All Year

RWE
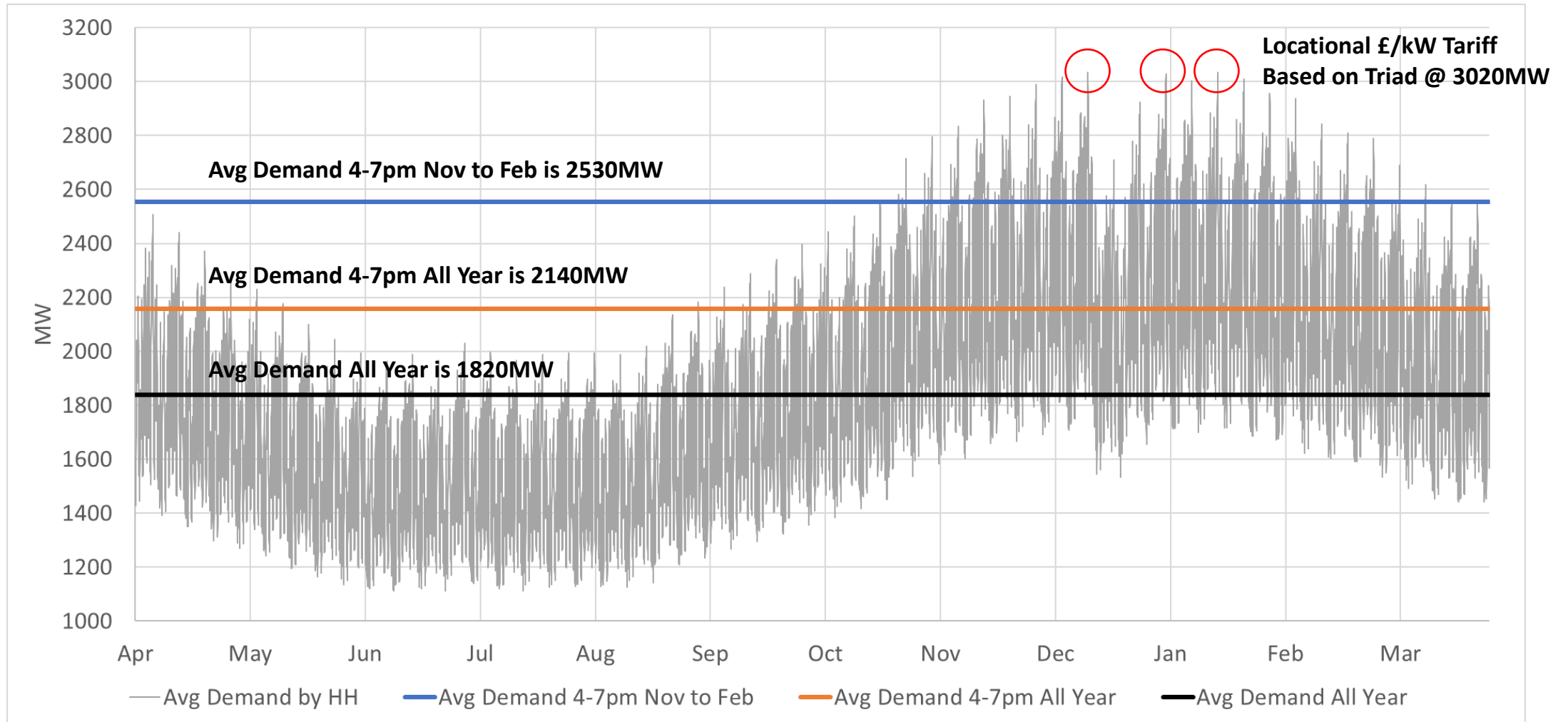
Example Current Approach
Conversion from £/kW to p/kWh tariffs (4-7pm all year)

Period	Hours of measure-ment period	Forecast Average Demand Group H	Forecast Actual Energy Consumption
Triad	**1.5hrs**	3020MW	-
4-7pm All Year	3 x 365 = **1095hrs**	2140MW	2140MW x 1095hrs = **2,343,300MWh**
All Year	24 x 365 = **8760hrs**	1820MW	1820MW x 8760hrs = **15,943,200MWh**

$$\frac{p}{kWh} Tariff =$$

$$\frac{NHH\ GSP\ Group\ Demand\ at\ Triad \times \frac{£}{kW} Tariff}{Measured\ NHH\ GSP\ Group\ Demand\ 4-7pm}$$

Output from TNUoS Transport and Tariff Model

Zone 13, GSP Group H, Southern HH Demand Tariff is £7.65/kW for 2025/26, so:

$$\frac{p}{kWh} Tariff = \frac{3020MW \times \frac{£7.65}{kW} \times \frac{1000kW}{MW}}{2140MW \times 1095hrs \times \frac{100p}{£}} = 0.099p/kWh = \frac{3020MW}{2140MW} \times \frac{\frac{£7.65}{kW} \times \frac{100p}{£}}{1095hrs}$$

The important ratio is demand at triad vs average demand during the measured consumption period when converting tariffs from £/kW to p/kWh

Fixed data components (in black font)

Drilling down into current tariffs (rounded to 2 d.p.)
Peak + Year Round

		Peak	Year Round
Negative Charges	**HH**	Zero	Zero
	NHH	Zero	Zero
Positive Charges	**HH**	Triad	Triad
	NHH	4-7pm all year	4-7pm all year

The TNUoS Transport model outputs network investment costs split into two elements, both of which are benchmarked to forecast consumption at triad:
1. investment needed to meet peak demand and
2. investment to mitigate an optimal level of year round constraints.

For demand, the charging elements are levied based on consumption at or during the same periods (i.e. peak and year round both levied 4-7pm for NHHly demand) so the elements are currently added together for each zone and levied as a total tariff

	Demand Zone	TNUoS Transport Model Output			2025/26 Current (Baseline) Tariffs	
		Peak (£/kW)	Year Round (£/kW)	Total (£/kW)	Floored HH Tariff (£/kW)	Floored NHH Tariff (p/kWh)
1	Northern Scotland	-1.44	-32.11	-33.54	0.00	0.00
2	Southern Scotland	-1.70	-22.95	-24.65	0.00	0.00
3	Northern	-3.19	-10.21	-13.40	0.00	0.00
4	North West	0.06	-5.29	-5.23	0.00	0.00
5	Yorkshire	-1.95	-2.94	-4.90	0.00	0.00
6	N Wales & Mersey	-1.13	-1.74	-2.87	0.00	0.00
7	East Midlands	-1.74	1.30	-0.44	0.00	0.00
8	Midlands	-1.07	2.97	1.91	1.91	0.25
9	Eastern	0.32	1.03	1.35	1.35	0.19
10	South Wales	-5.53	8.77	3.25	3.25	0.39
11	South East	3.57	1.53	5.10	5.10	0.72
12	London	4.51	2.42	6.94	6.94	0.80
13	Southern	1.76	5.89	7.65	7.65	1.02
14	South Western	1.08	10.57	11.65	11.65	1.61

Drilling down into current tariffs (rounded to 2 d.p.)
Conversion from £/kW to p/kWh tariffs (4-7pm all year)

	Demand Zone	TNUoS Transport Model Output			2025/26 Current (Baseline) Tariffs		Implied Ratio Triad to 4-7pm Avg Demand
		Peak (£/kW)	Year Round (£/kW)	Total (£/kW)	Floored HH Tariff (£/kW)	Floored NHH Tariff (p/kWh)	
1	Northern Scotland	-1.44	-32.11	-33.54	0.00	0.00	-
2	Southern Scotland	-1.70	-22.95	-24.65	0.00	0.00	-
3	Northern	-3.19	-10.21	-13.40	0.00	0.00	-
4	North West	0.06	-5.29	-5.23	0.00	0.00	-
5	Yorkshire	-1.95	-2.94	-4.90	0.00	0.00	-
6	N Wales & Mersey	-1.13	-1.74	-2.87	0.00	0.00	-
7	East Midlands	-1.74	1.30	-0.44	0.00	0.00	-
8	Midlands	-1.07	2.97	1.91	1.91	0.25	1.46
9	Eastern	0.32	1.03	1.35	1.35	0.19	1.53
10	South Wales	-5.53	8.77	3.25	3.25	0.39	1.31
11	South East	3.57	1.53	5.10	5.10	0.72	1.55
12	London	4.51	2.42	6.94	6.94	0.80	1.26
13	Southern	1.76	5.89	7.65	7.65	1.02	1.46
14	South Western	1.08	10.57	11.65	11.65	1.61	1.52

$$\frac{p}{kWh} Tariff = \frac{NHH\ GSP\ Group\ Demand\ at\ Triad}{Average\ GSP\ Group\ Demand\ 4-7pm\ (MW)} \times \frac{\frac{£}{kW} Tariff \times \frac{100p}{£}}{1095\ hrs}$$

$$\frac{NHH\ GSP\ Group\ Demand\ at\ Triad\ (MW)}{Average\ GSP\ Group\ Demand\ 4-7pm\ (MW)} = \frac{p}{kWh} Tariff \times \frac{1095\ hrs}{\frac{£}{kW} Tariff \times \frac{100p}{£}}$$

Proposed Approach for deriving p/kWh tariffs

Deriving Proposed Tariffs
Peak and Year-Round charging periods would be different in negative zones so we would need to calculate and present these tariffs separately

Current Baseline Arrangements

	Half Hourly Customers		Non-Half Hourly Customers	
	Peak	**Year Round**	**Peak**	**Year Round**
Negative Charges	Zero ⟸ same ⟹	Zero	Zero ⟸ same ⟹	Zero
Positive Charges	Triad ⟸ same ⟹	Triad	4-7pm all year ⟸ same ⟹	4-7pm all year

Proposed Arrangements

	Half Hourly Customers		Non-Half Hourly Customers	
	Peak	**Year Round**	**Peak**	**Year Round**
Negative Charges	4-7pm all year ⟸ different ⟹	All year	4-7pm all year ⟸ different ⟹	All year
Positive Charges	Triad ⟸ same ⟹	Triad	4-7pm all year ⟸ same ⟹	4-7pm all year

Different charging period for different components

Deriving Proposed Tariffs
Demand at Triad (MW) vs Average Demand Over Charging Period (MW)

Zone	Zone Name	Total Demand Gross Triad Demand (GW)	Chargeable HH Gross Zonal Triad Demand (MW)	NHH Gross Zonal Triad Demand (MW)	HH Zonal 1600-1900 Demand (TWh)	HH Zonal all periods Demand (TWh)	NHH Zonal 1600-1900 Demand (TWh)	NHH Zonal all periods Demand (TWh)	HH Zonal Triad (MW) vs Avg 1600-1900 Demand (MW)	HH Zonal Triad (MW) vs Avg all periods Demand (MW)	NHH Zonal Triad (MW) vs Avg 1600-1900 Demand (MW)	NHH Zonal Triad (MW) vs Avg all periods Demand (MW)
1	Northern Scotland	1.361	397.114	963.723	0.296	2.878	0.718	3.650	1.470	1.209	1.470	2.313
2	Southern Scotland	3.078	1112.393	1965.991	0.897	6.907	1.585	7.482	1.359	1.411	1.359	2.302
3	Northern	2.341	931.143	1410.275	0.784	6.659	1.187	5.791	1.301	1.225	1.301	2.133
4	North West	3.795	1332.253	2462.839	1.044	9.468	1.931	9.473	1.397	1.233	1.397	2.277
5	Yorkshire	3.581	1397.033	2184.144	1.138	10.172	1.779	8.703	1.345	1.203	1.345	2.198
6	N Wales & Mersey	2.385	911.912	1472.775	0.732	6.604	1.181	5.977	1.365	1.210	1.365	2.159
7	East Midlands	4.468	1611.018	2857.427	1.245	11.217	2.209	11.291	1.416	1.258	1.416	2.217
8	Midlands	3.965	1345.158	2619.389	1.040	10.462	2.026	10.395	1.416	1.126	1.416	2.207
9	Eastern	6.164	1839.812	4324.015	1.340	12.340	3.150	16.224	1.503	1.306	1.503	2.335
10	South Wales	1.702	691.792	1009.945	0.590	5.034	0.861	4.393	1.285	1.204	1.285	2.014
11	South East	3.698	995.193	2702.901	0.716	7.007	1.944	10.025	1.523	1.244	1.523	2.362
12	London	3.795	1907.600	1887.873	1.737	13.299	1.719	9.770	1.203	1.257	1.203	1.693
13	Southern	5.228	1841.323	3386.773	1.413	13.179	2.600	13.895	1.426	1.224	1.426	2.135
14	South Western	2.478	630.491	1847.528	0.463	4.712	1.358	7.050	1.490	1.172	1.490	2.296

Some of this is estimated data

Deriving Proposed Tariffs
Charging Periods

	Half Hourly Customers		Non-Half Hourly Customers	
	Peak	Year Round	Peak	Year Round
Negative	4-7pm all year	All year	4-7pm all year	All year
Positive	Triad	Triad	4-7pm all year	4-7pm all year

Demand Zone		2025/26 TNUoS Transport Model Output			Charging Period			
		Peak (£/kW)	Year Round (£/kW)	Total (£/kW)	HH		NHH	
					Peak	Year Round	Peak	Year Round
1	Northern Scotland	-1.44	-32.11	-33.54	4-7pm All Year	All Year	4-7pm All Year	All Year
2	Southern Scotland	-1.70	-22.95	-24.65	4-7pm All Year	All Year	4-7pm All Year	All Year
3	Northern	-3.19	-10.21	-13.40	4-7pm All Year	All Year	4-7pm All Year	All Year
4	North West	0.06	-5.29	-5.23	Triad	All Year	4-7pm All Year	All Year
5	Yorkshire	-1.95	-2.94	-4.90	4-7pm All Year	All Year	4-7pm All Year	All Year
6	N Wales & Mersey	-1.13	-1.74	-2.87	4-7pm All Year	All Year	4-7pm All Year	All Year
7	East Midlands	-1.74	1.30	-0.44	4-7pm All Year	Triad	4-7pm All Year	4-7pm All Year
8	Midlands	-1.07	2.97	1.91	4-7pm All Year	Triad	4-7pm All Year	4-7pm All Year
9	Eastern	0.32	1.03	1.35	Triad	Triad	4-7pm All Year	4-7pm All Year
10	South Wales	-5.53	8.77	3.25	4-7pm All Year	Triad	4-7pm All Year	4-7pm All Year
11	South East	3.57	1.53	5.10	Triad	Triad	4-7pm All Year	4-7pm All Year
12	London	4.51	2.42	6.94	Triad	Triad	4-7pm All Year	4-7pm All Year
13	Southern	1.76	5.89	7.65	Triad	Triad	4-7pm All Year	4-7pm All Year
14	South Western	1.08	10.57	11.65	Triad	Triad	4-7pm All Year	4-7pm All Year

Summary of CMP440 Proposal

It is proposed that:

- The zero price floor be removed for **Final Demand for negative Peak Tariffs** and those negative charges levied on HH and NHH metered energy consumption over the period **16:00 hrs to 19:00 hrs inclusive every day** over the Financial Year i.e. in the same way as NHH consumption is currently charged.

- The zero price floor be removed for **Final Demand for negative Year Round Tariffs** and those negative charges levied on HH and NHH **total annual metered energy consumption.**

- The corresponding negative tariffs in p/kWh are arrived at by scaling the corresponding £/kW Demand Locational Tariff by the ratio of forecast metered consumption over the relevant period **assuming a baseload consumption profile**, so that the negative charge will be based on an underestimate of a user's ACS Peak consumption (as long as their measured consumption is higher than their average consumption across the year)

Current

	Positive Charges		Negative Charges	
	HH	NHH	HH	NHH
Peak	Triad	4-7pm all year	Zero	Zero
Year Round	Triad	4-7pm all year	Zero	Zero

Proposed

	Positive Charges		Negative Charges	
	HH	NHH	HH	NHH
Peak	Triad	4-7pm all year	4-7pm all year	4-7pm all year
Year Round	Triad	4-7pm all year	All year	All year

Deriving Proposed Tariffs
Baseload Profile for All?

- Currently , the p/kWh positive tariff for NHH consumers is multiplied by ~1.4 to account for an assumed lower rate of demand during the 4-7pm-All-Year measurement period compared with Triad demand.
- Baseload consumers would be over incentivised to locate in negative zones if their assumed rate of demand at peak is up to double that of their measured rate of demand, so the Original proposes a baseload profile is assumed when deriving tariffs

Demand Zone		Charging Period				Forecast Ratio				Original Proposed Ratio for deriving p/kWh charge			
		HH		NHH		HH		NHH		HH		NHH	
		Peak	Year Round	Peak	Year Round	Peak	Year Round	Peak	Year Round	Peak	Year Round	Peak	Year Round
1	Northern Scotland	4-7pm All Year	All Year	4-7pm All Year	All Year	1.47	1.21	1.47	2.31	1.00	1.00	1.00	1.00
2	Southern Scotland	4-7pm All Year	All Year	4-7pm All Year	All Year	1.36	1.41	1.36	2.30	1.00	1.00	1.00	1.00
3	Northern	4-7pm All Year	All Year	4-7pm All Year	All Year	1.30	1.22	1.30	2.13	1.00	1.00	1.00	1.00
4	North West	Triad	All Year	4-7pm All Year	All Year	Triad	1.23	1.40	2.28	Triad	1.00	1.00	1.00
5	Yorkshire	4-7pm All Year	All Year	4-7pm All Year	All Year	1.34	1.20	1.34	2.20	1.00	1.00	1.00	1.00
6	N Wales & Mersey	4-7pm All Year	All Year	4-7pm All Year	All Year	1.37	1.21	1.37	2.16	1.00	1.00	1.00	1.00
7	East Midlands	4-7pm All Year	Triad	4-7pm All Year	4-7pm All Year	1.42	Triad	1.42	1.42	1.00	Triad	1.42	1.42
8	Midlands	4-7pm All Year	Triad	4-7pm All Year	4-7pm All Year	1.42	Triad	1.42	1.42	1.00	Triad	1.42	1.42
9	Eastern	Triad	Triad	4-7pm All Year	4-7pm All Year	Triad	Triad	1.50	1.50	Triad	Triad	1.50	1.50
10	South Wales	4-7pm All Year	Triad	4-7pm All Year	4-7pm All Year	1.28	Triad	1.28	1.28	1.00	Triad	1.28	1.28
11	South East	Triad	Triad	4-7pm All Year	4-7pm All Year	Triad	Triad	1.52	1.52	Triad	Triad	1.52	1.52
12	London	Triad	Triad	4-7pm All Year	4-7pm All Year	Triad	Triad	1.20	1.20	Triad	Triad	1.20	1.20
13	Southern	Triad	Triad	4-7pm All Year	4-7pm All Year	Triad	Triad	1.43	1.43	Triad	Triad	1.43	1.43
14	South Western	Triad	Triad	4-7pm All Year	4-7pm All Year	Triad	Triad	1.49	1.49	Triad	Triad	1.49	1.49

Deriving Proposed Tariffs
Charging Base

- Currently , the p/kWh positive tariff for NHH consumers is multiplied by ~1.4 to account for an assumed lower rate of demand during the 4-7pm-All-Year measurement period compared with Triad demand.
- Baseload consumers would be over incentivised to locate in negative zones if their assumed rate of demand at peak is up to double that of their measured rate of demand, so the Original proposes a baseload profile is assumed when deriving tariffs

Zone	Zone Name	Peak Security Transport Zonal Tariff (£/kW)	Year Round Transport Zonal Tariff (£/kW)	Total Demand Gross Triad Demand (GW)	Chargeable HH Gross Zonal Triad Demand (MW)	NHH Gross Zonal Triad Demand (MW)	HH Zonal Forecast 1600-1900 Demand (TWh)	HH Zonal Forecast all periods Demand (TWh)	NHH Zonal Forecast 1600-1900 Demand (TWh)	NHH Zonal Forecast all periods Demand (TWh)	HH Zonal if all Demand is Baseload at Triad Demand Level 1600-1900 Demand (TWh)	HH Zonal if all Demand is Baseload at Triad Demand Level all periods Demand (TWh)	NHH Zonal if all Demand is Baseload at Triad Demand Level 1600-1900 Demand (TWh)	NHH Zonal if all Demand is Baseload at Triad Demand Level all periods Demand (TWh)
1	Northern Scotland	-0.83	-33.84	1.361	397.114	963.723	0.296	2.878	0.718	3.650	0.435	3.479	1.055	8.442
2	Southern Scotland	-1.32	-23.62	3.078	1112.393	1965.991	0.897	6.907	1.585	7.482	1.218	9.745	2.153	17.222
3	Northern	-1.65	-11.01	2.341	931.143	1410.275	0.784	6.659	1.187	5.791	1.020	8.157	1.544	12.354
4	North West	-0.70	-5.88	3.795	1332.253	2462.839	1.044	9.468	1.931	9.473	1.459	11.671	2.697	21.574
5	Yorkshire	-0.79	-4.26	3.581	1397.033	2184.144	1.138	10.172	1.779	8.703	1.530	12.238	2.392	19.133
6	N Wales & Mersey	-1.88	-1.42	2.385	911.912	1472.775	0.732	6.604	1.181	5.977	0.999	7.988	1.613	12.902
7	East Midlands	-1.07	0.76	4.468	1611.018	2857.427	1.245	11.217	2.209	11.291	1.764	14.113	3.129	25.031
8	Midlands	-1.12	4.12	3.965	1345.158	2619.389	1.040	10.462	2.026	10.395	1.473	11.784	2.868	22.946
9	Eastern	0.61	0.50	6.164	1839.812	4324.015	1.340	12.340	3.150	16.224	2.015	16.117	4.735	37.878
10	South Wales	-3.66	10.55	1.702	691.792	1009.945	0.590	5.034	0.861	4.393	0.758	6.060	1.106	8.847
11	South East	2.63	2.94	3.698	995.193	2702.901	0.716	7.007	1.944	10.025	1.090	8.718	2.960	23.677
12	London	3.46	3.95	3.795	1907.600	1887.873	1.737	13.299	1.719	9.770	2.089	16.711	2.067	16.538
13	Southern	1.30	6.27	5.228	1841.323	3386.773	1.413	13.179	2.600	13.895	2.016	16.130	3.709	29.668
14	South Western	-0.66	10.79	2.478	630.491	1847.528	0.463	4.712	1.358	7.050	0.690	5.523	2.023	16.184

- Not all the colour coded columns are used (e.g. Half – Hourly positive zones use triad demand only) but illustrate the difference if the charging base is assumed to all be baseload at triad demand level

Deriving Proposed Tariffs
Resulting Tariffs Using Forecast Demand vs Baseload Demand Assumption for Negative Tariffs

Forecast Demand

| | Final demand Tariffs | | | | non final demand |
| HH Triad | HH 4-7 | HH all periods | NHH 4-7 | NHH all periods | HH Triad |
Tariff (£/kW)	p/kWh	p/kWh	p/kWh	p/kWh	Tariff (£/kW)
-	- 0.11	- 0.47	- 0.11	- 0.89	-
-	- 0.16	- 0.38	- 0.16	- 0.62	-
-	- 0.20	- 0.15	- 0.20	- 0.27	-
-	- 0.09	- 0.08	- 0.09	- 0.15	-
-	- 0.10	- 0.06	- 0.10	- 0.11	-
-	- 0.23	- 0.02	- 0.23	- 0.04	-
0.76	- 0.14	-	- 0.04	-	-
4.12	- 0.15	-	0.39	-	2.99
1.11	-	-	0.15	-	1.11
10.55	- 0.43	-	0.81	-	6.89
5.57	-	-	0.77	-	5.57
7.41	-	-	0.81	-	7.41
7.57	-	-	0.99	-	7.57
10.79	- 0.09	-	1.38	-	10.12

Baseload for negative tariffs

| | Final demand Tariffs | | | | non final demand |
| HH Triad | HH 4-7 | HH all periods | NHH 4-7 | NHH all periods | HH Triad |
Tariff (£/kW)	p/kWh	p/kWh	p/kWh	p/kWh	Tariff (£/kW)
-	- 0.08	- 0.39	- 0.08	- 0.39	-
-	- 0.12	- 0.27	- 0.12	- 0.27	-
-	- 0.15	- 0.13	- 0.15	- 0.13	-
-	- 0.06	- 0.07	- 0.06	- 0.07	-
-	- 0.07	- 0.05	- 0.07	- 0.05	-
-	- 0.17	- 0.02	- 0.17	- 0.02	-
0.76	- 0.10	-	- 0.03	-	-
4.12	- 0.10	-	0.27	-	2.99
1.11	-	-	0.15	-	1.11
10.55	- 0.33	-	0.63	-	6.89
5.57	-	-	0.77	-	5.57
7.41	-	-	0.81	-	7.41
7.57	-	-	0.99	-	7.57
10.79	- 0.06	-	0.92	-	10.12

Terms of Reference

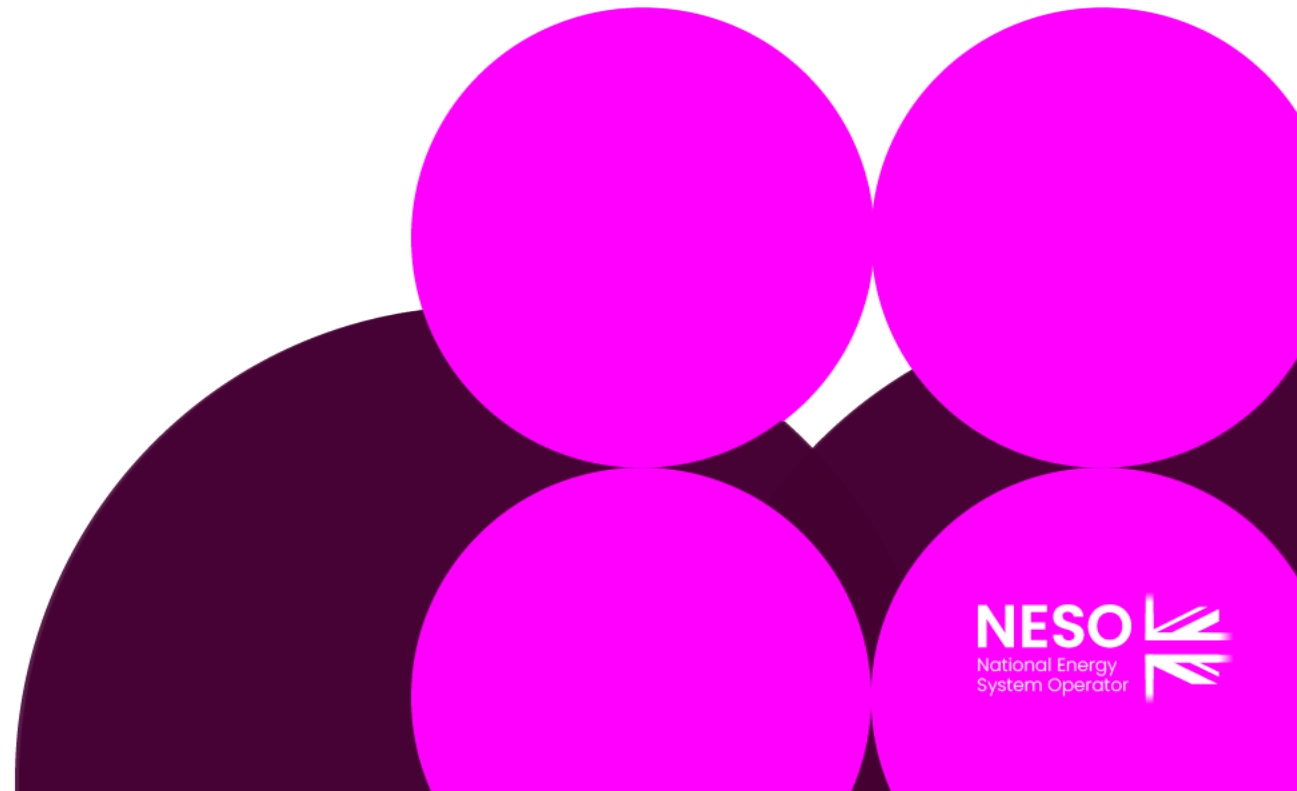Teri Puddefoot – NESO Code Administrator
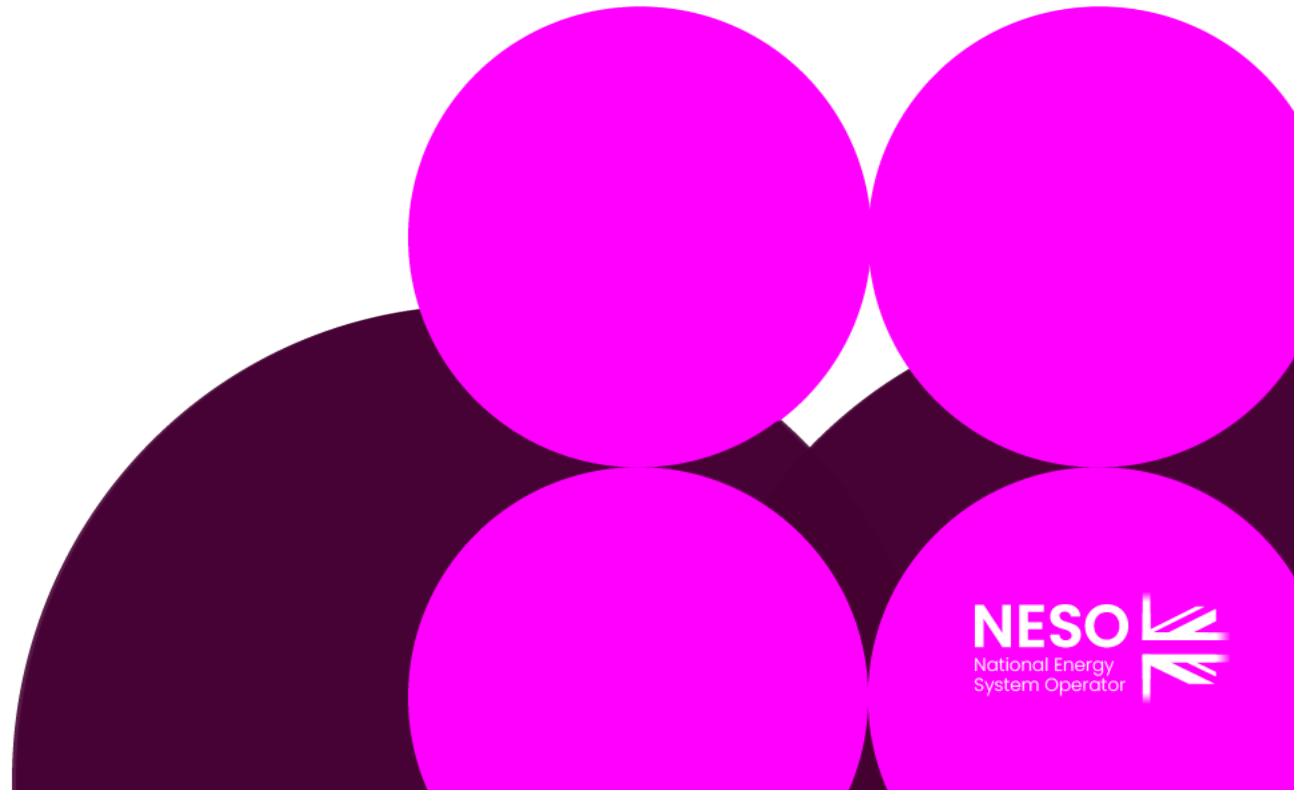
Terms of Reference

Workgroup Term of Reference	Location in Workgroup Report (to be completed at Workgroup Report stage)
a) Consider EBR implications	
b) Consider whether the peak charge should apply to winter or all year?	
c) Consider whether the Year-Round charge should apply all day or just 4-7pm?	
d) Consider whether positive and negative demand charges should be charged differently i.e. keep the existing methodology for positive demand charges?	
e) Consider what the methodology should be for conversion from £/kW to p/kWh? (Inclusive of any practical impact on the design choices)	

NESO
National Energy
System Operator

Next Steps

Teri Puddefoot – NESO Code Administrator

Any Other Business

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