Charging Futures

Reforming electricity charging together

TNUoS Task Force

Meeting 14

27th March 2024

Agenda

10:00 – 11:30

- 10:00 Introduction & Welcome
- 10:10 Action Review
- 10:30 Signals sub group
- *11:30 Break*

11:45 – 12:45

- 11:45 TNUoS fix analysis scope
- 12:15 Data Inputs sub group
- *12:45 Lunch*

13:45 – 14:45

- 13:45 Sub group review
- *14:45 Break*

15:00 – 16:00

- 15:00 Sub group review
- 15:45 AoB & Close

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Action Review

Chris Parsons

Signals sub group:

Lauren Jauss

The objective of this session is to provide:

- Define clear case for change
- Agree on the Modification proposal

TNUoS Taskforce

Signals Sub-Group

Demand TNUoS case for change

March 2024

Summary of conclusions for Peak Security charging

- There is a clear rationale for levying peak security charges on peak demand.
- Approach should be based on charging consumption in hours which drive network costs – therefore the shape of the load duration curve can inform which the most important hours are
- Historically, the approach has been to send operational signal to reduce demand in these hours. However, if this is deemed inefficient, then the design should consider how to limit/reduce operational signal while maintaining investment incentive.
  - If charge based on actual consumption in relatively few hours (e.g. because load duration curve is steep), the strong operational signal remains. This can potentially be mitigated somewhat by rolling average over a number of years, or reduced significantly by a 'deemed' demand approach. The latter option can be challenging to implement.
  - If charge is based on actual consumption over broad base of hours (e.g. 4-7pm winter hours), the same options to reduce operational signal could apply, but concern is much reduced due to dilution of operational signal.
- Floored at zero removes important investment incentive in negative charge zones. By removing/reducing operational signal, rationale for floored at zero should also be reduced.

Frontier

Strong rationale for removing floored at zero for year-round charges

Mis-incentives removed:

- Current rationale for flooring charges at zero is to avoid incentivising consumption at peak, given year round charges currently levied against "triad" half hours.
- However, our proposal is to move charges away from triad half hours and where appropriate, further reduce operational signals.
- With this potential mis-incentive at peak removed, there is less rationale for floored at zero to remove operational incentives for negative demand charge zones.

Removing "floored at zero" can reinstate an important locational investment signal reducing constraint costs and network investment:

- Inefficient investment signals: Incentivising consumption close to supply can significantly reduce future constraint costs and hence network build relative to consumption located further away from generation.
  - Floored at zero significantly reduces this incentive.

Signals Sub-Group's Assessment

- Agree charges should be based on actual consumption over a broader base of hours for both Peak and Year-Round Tariffs to reduce operational signal
- Agree floored at zero removes important investment incentive, and reduced operational signal reduces rationale for the floor

Frontier

Basic options for charging year round identifying which hours and allocating year-round costs

1 Average demand in all hours

- Simple to implement
- Easy to understand
- Sends minimal (very diluted) operational signal
- Likely more cost reflective than charging based on peak demand
- Abstracts from the distinction between consumption during constrained hours (which affects required network investment), and consumption in other hours (which does not)

Analogous to a Load Factor style approach

Average demand in constrained hours only

2 Unweighted

- Charges based on average consumption during all constrained hours.
- Would send only a small operational signal (assuming there are many constrained hours in a year)
- Sends more targeted cost reflective investment signal but not fully cost reflective.

Analogous to a "Constrained Load Factor" style approach

3 Weighted by a metric

- Charges based on weighted average consumption in constrained hours.
  - Options for weighting approach discussed in slide 26
- May send a modest operational signal in most periods but may send stronger incentives when constraints are higher.
- In principle sends a more targeted and cost reflective investment signal.

Analogous to a "Constrained Load Factor" style approach with further adjustment

We assess each of these options in the following slides

Signals sub-group consider Frontier Option 1 to appear to be the best solution

Option 1:

- Is most consistent with the approach used for generation charging, which also considers consumption across the whole year, which should reduce distortions for complex sites with supply and demand
- Minimises operational signal and therefore provides best rationale for removing the floor
- The same as CMP271 which was withdrawn in 2023 only because it would have needed updating to incorporate changes to TDR arrangements

Options 2 & 3:

- Would make Demand TNUoS charges less predictable as they would be dependent on constraints for which Users have limited data and no control.
- Definition and identification of “constrained hours” is very complex
    - Requires consideration of what degree of constraints would trigger network build
    - NESO would need to accurately tag bids and offers including being able to allocate to thermal constraint as opposed to others accepted for other system needs
    - Constraints might vary significantly geographically and not be applicable or relevant nationally

DESNZ 2nd REMA Consultation considers importance of demand investment signals as one of the drivers for reform

"Investment in demand side technologies could be made more attractive by passing through the benefits of potentially significantly cheaper electricity in over-supplied parts of the country. In the future, this could incentivise investment in different types of storage and hydrogen electrolysers. It may also drive new industrial investment and economic growth in areas with high levels of renewable generation."

Potential empirical tests – Peak Security related

Test	Rationale	Methodology

Shape of load duration curve	▪ As discussed in slide 11, the optimal choice of methodology may be affected by how many half hours have consumption close to peak consumption levels. This is determined by the gradient of the load duration curve.	▪ Source HH consumption data, over multiple years.
		▪ Produce descriptive statistics to determine:
		  ▫ How many half hours have consumption within 1%, 5%, and 10% of consumption during peak half hour.
		  ▫ Ratio of consumption in peak half hour to the 2nd, 3rd highest, etc.
		▪ There, is the potential to augment this with forecasts of the future distribution of demand by half hour.

Potential empirical tests – Year-Round related (1/2)

Test	Rationale	Methodology
Assess prevalence of constrained periods	▪ In the extreme, if all hours are constrained, then there is no difference between Option 1 and Option 2 ▫ It would also be the case that the operational signal is maximally diluted ▪ If actually the majority of hours are constrained, then there may be less benefit of implementing Option 2 over Option 1	▪ Statistical analysis of historic constraint data over a 5 year period to determine prevalence of constraints ▪ There, is the potential to augment this with forecasts of the future prevalence of constraints
Assess variation in constraint metrics	▪ In the extreme, if all constrained hours are constrained equally, then there is no difference between Option 2 and Option 3 ▪ More realistically, if there is little variation in the level of constraints between constrained periods then there may be less benefit of implementing Option 3 over Option 2 ▫ Effectively charges would be similar for flexible demand under Option 2 and 3	▪ Statistical analysis of historic constraint data over a 5 year period to determine the variation in the level of constraints (as measured by the proposed metrics) within constrained hours ▪ There, is the potential to augment this with forecasts of the future prevalence of constraints
Assess correlation of aggregate demand with constraints	▪ Option 1 provides a reasonable charging methodology for demand that is uncorrelated with constraints. ▪ Therefore, if it can be shown that aggregate demand is broadly uncorrelated with constraints (e.g. constraints are driven more by wind patterns) then it allows for simplification of the charging methodology	▪ Statistical analysis of constraint data and demand data over a 5 year period to determine the correlation of electricity demand with constraints. ▪ There, is the potential to augment this with forecasts of the future correlation of system demand with constraints

Potential empirical tests – Year-Round related (2/2)

Test	Rationale	Methodology
Correlation between GB wide and localised constraint levels	■ If local and national constraints are well correlated then the calculation of charges (under options 2 and 3) can be simplified and can rely on a national measure of constraints. ■ However, if local and national constraints are not well correlated, then it would be necessary to use a local measure of constraints for options 2 and 3 to achieve cost reflectivity	■ Statistical analysis of constraint data over a 5 year period to determine: ▫ The main network constraints to consider (e.g. B2, B7 etc) ▫ The correlation of constraints over the key boundaries with constraints at the national level.

Signals Sub-Group believe an updated CMP271/Option 1 mod can be raised now because there is already a case for change

- Given importance of locational demand investment signals as cited in REMA consultation, mod would seem relatively high priority on the list of possible mods
- Proposed further analysis is relatively detailed and could be conducted during the CUSC change process
- Proposed year-round related analysis is related to Options 2 & 3 and will not be needed unless Option 2 or 3 alternatives are raised
- Mod will need to consider treatment and timing of any changes to embedded generators and EET arrangements

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Break

Next session starts at 11:45

TNUoS Fix analysis scope

Lauren Jauss

The objective of this session is to provide:

- Decide on the Analysis scope to take forward for the proposed TNUoS fix

TNUoS Taskforce
Fixed TNUoS Analysis Scoping
March 2024

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Requested analysis to inform Taskforce, a future workgroup, and OFGEM, the likely impact on generator and consumer bills of offering generators the option to fix TNUoS

Proposed outputs

Impact from now for 20 years out on:

1. TDR £ total, and per customer.
2. **[Unfixed]** generation locational TNUoS annual £/kW volatility / difference
3. TO cash flow impacts
4. Impact on costs of capital for developers, and so consequential differences to CM and CfD bids/clearing prices x auction volumes
5. Quantification of impact of any inefficient investment decisions (including closure) on CM and CfD bids/clearing prices

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Scenarios

Different fixed elements:

i. Wider charges (excluding the 2.50 adjustment) are fixed
ii. Wider charges including the 2.50 adjustment are fixed
iii. Wider charges plus local charges are fixed

Who fixes and how long:

a. 10% (existing and new build), 25%, 50%, 100% renewable capacity fixes its TNUoS for 15 years [of operation]
b. 50% renewable fixes for 10, 15, 25 years
c. 50% renewable for 15 years plus 50% conventional generation for [rolling] 5 years
d. 50% renewable plus 100% low carbon conventional for 15,20 years [of operation/rolling], respectively
e. Match CM and CFD contract lengths only

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"…it could be reasonable to argue that the more generators opt to fix, the more uncertainty is reduced for the Adjustment Tariff. Fixing the Adjustment Tariff in addition to the locational TNUoS charge would reduce uncertainty further, though it is unclear how this would work if all or a large proportion of plants choose to fix"

Methodology

The potential impacts of the proposed reform are complex, with multiple possible interactions and differential impacts on different parties. We therefore propose a four phase methodology to assess the key impacts qualitatively and quantitatively:

? First we will undertake a qualitative assessment, building on the context set out in this proposal to map out all the potential impacts of RWE's Fixed TNUoS Proposal;

√ Second, we will undertake a targeted quantitative assessment of the possible implications of RWE's Fixed TNUoS Proposal on investor risk and illustrate this by demonstrating its potential impact on CfD strike prices;

√ Third, we will undertake a quantitative assessment of system inefficiency and customer cost impacts focused on possible effects on the closure decisions of existing investments; and

? Fourth we will draw together the overall implications of the two sets of quantitative analysis with the qualitative analysis to summarise the overall implications for a case for change, as well as identifying any refinements to the policy that could avoid cost but retain benefits.

Clear impacts are CfD, CM and potentially TDR.

"understanding the potential trade-off between reduced financing costs from improvements in predictability and the risk of increased capex costs due to inefficient investment decisions" - will there be any inefficiency of investment decisions? Should we not expect generators only to fix when they have decided to commit to being open? If not how can we quantify how often generators will take a view (i.e. bet against instead of a hedge) on TNUoS?

Delivers requested output 4 for CfD (only)

Yes, but we think this is only TDR

Not quite sure what the deliverable is?

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Data Input sub group

Nick Everitt

The objective of this session is to provide:

- Update on TO data transparency work

Update on TO data transparency work

- The most common ask from the industry is for a longer term view of revenues.

- What could add value and be deliverable in the short term would be a greater level of detail of the assumptions that went into the forecast.

- We are still seeking feedback from suppliers on the specifics of what additional reporting from the TOs they would find useful.

Next steps

- To arrange session with TO finance teams, ESO and supplier reps to discuss what could be provided and how that could be codified

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Lunch

Next session starts at 13:45

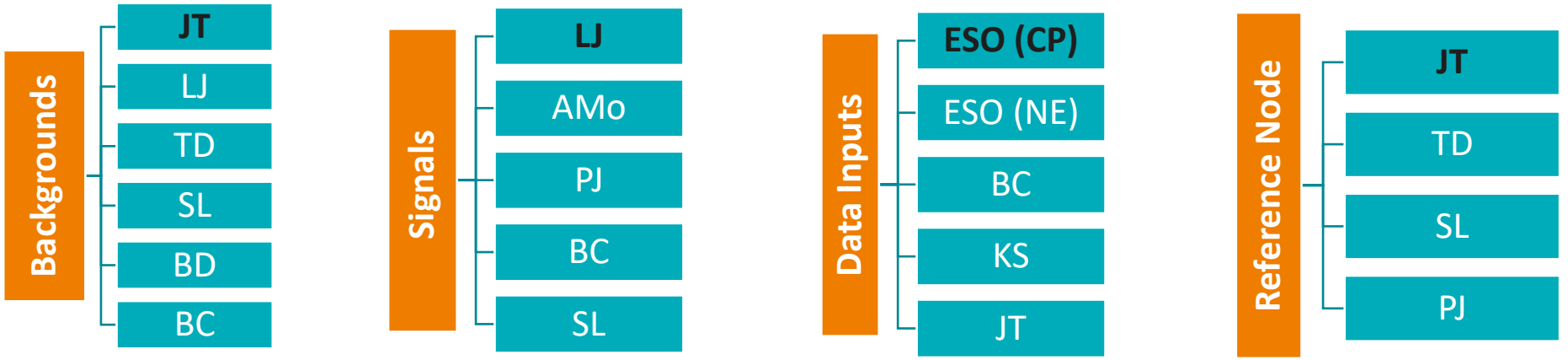
Sub group review

All

The objective of this session is to provide:

- Review initial actions/ questions for each sub group.
- Agree next steps for each sub group

Agreed Resource Allocation



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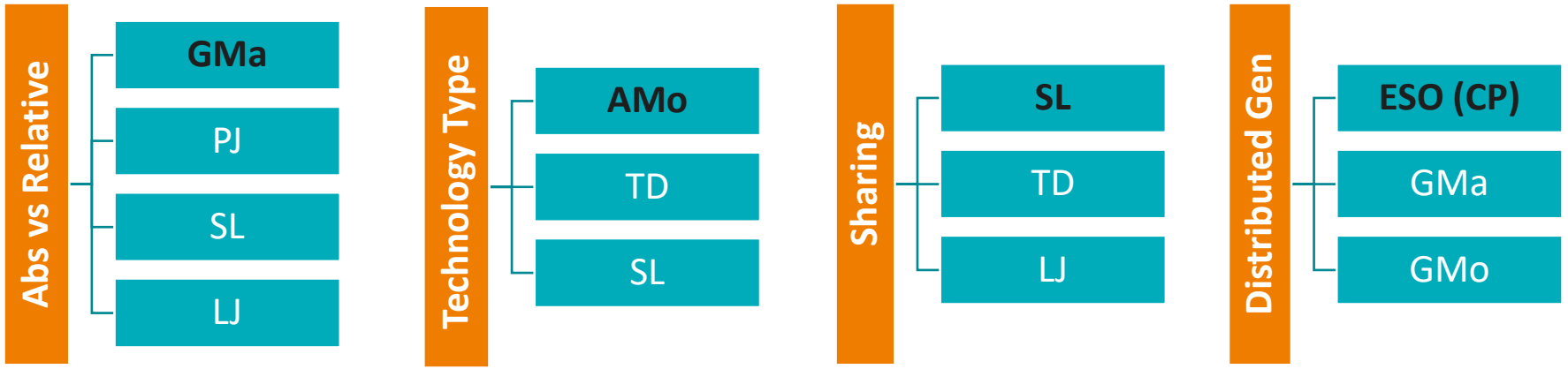
Agreed Resource Allocation continued



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Scope of work by category

- **Backgrounds (TF Priority 1)**
  - Extent of current backgrounds impact on predictability.
  - Impacts on cost reflectivity/predictability if adding/removing scenarios.
  - Should TNUoS be based on a future network or the network we currently have?
  - If based on the future network - should it reflect the NOA ?
  - If based on network we have - should charging backgrounds be split from the SQSS and what are the implications of this?
  - Should backgrounds be locked down and how often should they then be reviewed?
  - To what extent should smart reinforcement (i.e. non physical assets) be reflected in the methodology?
  - To what extent will a change to the tech types impact accuracy of the signal?
  - If there is a case to change/add individual technology types what does this mean for the current model?
  - In principle how should energy flows be modelled – dynamic vs static – how does this impact any intended signal?

- **Signals (TF Priority 2)**
  - What does a meaningful signal look like for different users?
  - What is the current strength of signal – is it too strong and how this links to absolute charges.
  - Understanding the HND framework solution – to build upon
  - Locational investment signals for offshore –understand what has been done elsewhere (OTNR workstreams etc)
  - Principles for locational demand charges i.e. should signals be investment/operational & level of visibility of signals for various size users
  - Consider the nature of demand – assess current assumptions of how demand responds to locational signals – are they valid?
  - Are Triads still fit for purpose –do they need to change / consider an alternate?
  - Long-term fixing of TNUoS and the impact on signals
  - Impact of fixing on levels of cost reflectivity i.e. consider pace at which network changes and investment timescales.
  - Appropriateness of negative locational charges for generation, and or demand – consistent treatment.
  - Should the application of the floor at zero be reviewed?

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Scope of work by category continued

- **Data inputs (TF Priority 3)**
  - Identify data inputs that drive volatility
  - Magnitude of volatility determines focus for review - are there alternative data sets that can be used?
  - Review Security Factors – should it apply to intermittent?
  - Review of Annual Load Factors (ALFs)
  - Scaling Factors – negative scaling issues and revisit math
  - ACS - is this still the right measure/proxy for peak demand?
  - ACS - is the link to temperature as strong as it was? Do wider weather conditions need to be taken into account? If need to derive differently how would this be achieved – use of FES?
  - How transparently can data be shared – is there indeed a need to improve transparency?

- **Reference Node (TF Priority 4)**
  - Is the current approach to the reference node still correct - clarify defect & why it needs to change
  - Alternatives - articulate why these are preferred, why fundamentally better than current regime
  - Alternatives - identify possible consequences/impacts of these changes on charges/predictability.
  - Are there additional options than those considered as part of the consultancy analysis?
  - Fundamentally how should any reference node be weighted?
  - In principle do we consider demand is there to absorb generation or generation is there to meet demand?
  - If adding generation to the system is it matched by additional demand, or does it displace other 'existing' generation equally.
  - Consider changes to zoning and how this may impact reference node suitability.

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Break

Next session starts at 15:00

Scope of work by category continued

- **Absolute vs Relative (TF Priority 5)**
  - What is meant by available capacity i.e. is it linked to constraints or do we mean within the unconstrained network?
  - Consider then if TNUoS should reflect available capacity?
  - If we need to reflect available capacity – do we need to consider system where capacity restrictions exists?

- **Technology type (TF Priority 6)**
  - Is it appropriate to treat different technology types differently?
  - If there should be different treatment what level of granularity do we need in terms of technologies?
  - Do we have the correct generation categories?
  - Could FES be used to identify improvements to these (e.g. it already provides view of what tech types the network is being designed for).
  - Storage – consider how it uses the system – inc. Long duration vs Short duration
  - Inclusion of demand technology types?
  - Review of generation capabilities by category

- **Sharing (YNRS/YRS) (TF Priority 7)**
  - Is the current approach to YRNS/YRS appropriate
  - Is it calibrated correctly?
  - Is it considered to still be suitable for a future network with significant renewables?
  - Storage consideration - does this change/enhance winds ability to share?

- **Distributed Generation (TF Priority 8)**
  - Should 132kV generation all be in the transport model?
  - Should DG face TNUoS – and interactions with level of access provided/products
  - If the model considers DG as well as Transmission connected what issues are there with data/what data is required?

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AoB and Close

Claire Huxley

AOB

- Meeting dates and locations.
  - 24th April
  - 22nd May

- TCMF rota.

Date	TF Rep
02/11/2023	John Tindal
23/11/2023	Binoy Dharsi
04/01/2024	No update
01/02/2024	Harriet Harmon
29/02/2024	Grace March
04/04/2024	

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Thank you

Actions from Meeting 9.5

ID/ date	Agenda Item	Description	Owner	Notes	Target Date	Status
1 25/10	3	Explore whether suppliers or ElectraLink could provide data to show measurement classes/billing status.	KK, ND		Nov-Jan	Removed
2 25/10	3	Map the classification of different site types against available data points pre- & post-migration to identify changes in charging arrangements (and which sites will have a risk of double charging or inappropriate new arrangements).	KK, ND		Nov-Jan	Removed
3 25/10	3	Approach suppliers as to the data that could be supplied re: whole current users over threshold and billing at point of migration.	KK, ND		Nov-Jan	Removed
4 25/10	3	Identify the metrics for classifying domestic/non-domestic users and scenario/algorithm mapping for the impacts of different classifications.	KK, ND		Nov-Jan	Removed
5 25/10	4	Email CP with any topics for the Distributed Generation sub group to discuss at meeting w.c. 30 October	Task Force		w.c 30 October	Closed

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Actions from Meeting 9

ID/ date	Agenda Item	Description	Owner	Notes	Target Date	Status
1 11/10	3	Feedback an update to Task Force on the SQSS review outlined in the 2021 Business Plan and any differences to the review required for the Backgrounds work.	JWe, CP		Nov mtg	Closed
2 11/10	3	Review 2022 Task Force documents for SQSS review plans for 2023.	CP		Nov mtg	Closed
3 11/10	3	Assess the materiality of the defect/changes for Backgrounds and urgency of the defect/changes (re: CUSC Panel prioritisation criteria) to define the method for making those changes.	Task Force		Ongoing	Open
4 11/10	4	Contact sub group(s) which may benefit from the Ocean Winds/Aurora consumer impact work to assess it as an evidencing resource.	AM		Ongoing	Open
5 11/10	6	ESO to contact SL to understand the technical input for the storage multiplier profile & a 'de minimis' level of sharing, assess what may be covered in CMP405 (or other lines of work), discuss if solar PV question is relevant for other sub groups to address.	CP	Update to be fed back to the Task Force	Nov mtg	Closed

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Actions from Meeting 9

ID/ date	Agenda Item	Description	Owner	Notes	Target Date	Status
6 11/10	6	Consider a new workstream to discuss the treatment of non-firm connections and charging.	CP/Task Force		Nov mtg	Closed
7 11/10	6	Find a consistent interpretation of 'non-firm connection' and bring to Task Force to agree.	Sharing sub group		Ongoing	Open
8 11/10	6	Consider where solar is included or reflected in the model/TNUoS assumptions.	Task Force/Sharing sub group		Ongoing	Open
9 11/10	6	Consider erroneous negative non-shared tariff zones in the South.	Task Force/Sharing sub group		Ongoing	Open
10 11/10	6	Assess who undertakes any technical analysis for Sharing and if this is best done as part of the Task Force or a CUSC Workgroup (i.e., move this to a modification proposal).	Task Force, CP, SL		Nov mtg	Open

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Actions from Meeting 9

ID/ date	Agenda Item	Description	Owner	Notes	Target Date	Status
11 11/10	7	Arrange a call with JT and ESO on the scaling factor modification and interactions with Backgrounds.	CP		Oct mtg	Closed
12 11/10	7	Scaling factor modification proposal to be submitted as soon as possible with a level of materiality clear within it (i.e., input scaling factors into the model).	ESO		Oct mtg	Closed
13 11/10	7	Bilateral conversations and regular updates to be shared with the Task Force from the scaling factor modification.	CP, MC		Ongoing	Open
14 11/10	7	Contact CP as to the information needing more transparency for ESO to review and respond to ahead of a discussion session at a future Task Force meeting (reminder to be shared at Oct, Nov meeting).	Task Force		Ongoing	Open
15 11/10	7	CP to discuss Transmission Owner (TO) data with the Revenue team to share how it's used in the model and arrange discussions with the TOs themselves.	CP		December	Closed

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Actions from Meeting 9

ID/ date	Agenda Item	Description	Owner	Notes	Target Date	Status
16 11/10	7	Ask the SQSS Team whether they can easily determine how double circuits are considered.	CP		Nov mtg	Closed
17 11/10	7	Arrange calls to discuss the pressing questions on Data Inputs and agree next steps ahead of Nov meeting.	CP		Nov mtg	Closed
18 11/10	11	Update consultants on when feedback on the Signals proposal will be available.	CP		October	Closed
19 11/10	11	Bring the Signals sub-group work packages to the CMP413 Workgroup to assess their materiality to the modification.	BD		Ongoing	Open
20 11/10	9	ESO representatives to take away lines of enquiry on MIC thresholds, line loss options, solution timings for suppliers' contracts and the tariff derivation option (to ESO Revenue team) to explore further.	KK, ND		Oct & Nov mtgs	Removed

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Actions from Meeting 9

ID/ date	Agenda Item	Description	Owner	Notes	Target Date	Status
21 11/10	9	Set an agenda for the new Demand Charging workstream (including the ESO representatives on MHHS) on 25 Oct.	CP	To discuss objectives, priorities and key timing milestones considering Task Force and Authority comments from Mtg 9.	23 Oct	Closed
22 11/10	12	Specifics of the November meeting location to be shared with the Task Force.	DS, EB		Oct mtg	Closed
23 11/10	12	Email to be shared with a rota for Task Force members to share an update at TCMF.	CP		Oct mtg	Closed
24 11/10	12	Feedback required as to the benefits of the Task Force for tackling its objectives to play back to the Innovation funding team.	Task Force		Ongoing	Closed

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Actions from Meeting 8

ID/ date	Agenda Item	Description	Owner	Notes	Target Date	Status
1 15/09	3	Check whether OpTIC would smoothen step changes in network development, check whether the model could cope with half a circuit. Consider timing and frequency of phasing data with ESO outputs.	JD		Ongoing	Removed
2 15/09	5	Set up a working session between the OpTIC proposers and ESO NOA experts (including exploration of risk)	CP	HH happy to be part of this conversation	TBC	Closed
3 15/09	5	Set up bilateral conversations with OpTIC proposer to pick up specific questions	GMa, Amo, PJ		Ongoing	Removed
4 15/09	5	Share thoughts with the Authority representative as to the OpTIC model falling within scope for the Task Force	Task Force		October	Removed
5 15/09	6	Provide absolute values for the Y-o-Y tariff changes across regions (re: historic volatility)	Frontier/LCP		TBD with Frontier/LCP	Open

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Actions from Meeting 8

ID/ date	Agenda Item	Description	Owner	Notes	Target Date	Status
6 15/09	8/9	Check with ESO SQSS experts as to a review of sharing factors to play back to the Task Force (and the Backgrounds workstream)	JW		TBC	Closed
7 15/09	8/9	Signals and Tech Type workstreams to feed back to Task Force their views on the treatment of demand raised in the Backgrounds workstream	GM, Amo		Nov/Jan meeting	Open
8 15/09	12	Contact the Abs v Rel workstream if there are other views for a case for change	Task Force		Oct/Nov meetings	Closed
9 15/09	12	Contact the Abs v Rel workstream with thoughts/questions	HH		Oct meetings	Closed
10 15/09	13	All workstream leads to create a high-level timeline and action plan for each workstream	Workstream leads	Timings to be collated by CP to create a longer-term Task Force road map	Meeting 9 (11 Oct) if possible	Closed

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Actions from Meeting 7.5

ID/ date	Agenda Item	Description	Owner	Notes	Target Date	Status
1 18/08	2	Backgrounds Case for Change to be shared with the Task Force for review and comment	JS		Mtg 8	Closed
2 18/08	2	Consider using initial workstream proposals as alternative format for information to stimulate stakeholder feedback.	Task Force	Discuss in Next Steps of Mtg 8 based on what's shared	Mtg 8-10	Closed
3 18/08	4	Ownership and timings defined for the OTNR Sub-Group closure report	JS	Closure Report to be shared with TF once complete (NP @ESO)	October	Closed
4 18/08	7	For completeness, Task Force members not present at Mtg 7.5 are to provide their view on progressing the Reference Node case into a modification proposal	EB, DS		1 Sept	Closed

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Actions from Meeting 7.5

ID/ date	Agenda Item	Description	Owner	Notes	Target Date	Status
5 18/08	7	A one-page report for the Charging Futures website to summarise the reference node modification plans and individuals involved.	JT	To also reflect any further views not captured at TF meeting 7.5 and provided as part of action 4 above.	15 Sept	Removed
6 18/08	7	Draft modification proposal to be raised.	JT		Mid-Oct (JT to advise)	Closed
7 18/08	7	BAU update to TCMF with ESO/Propose to agree who will present the Reference Node proposal to relevant TCMF.	JT, JS/CP	Topic to be added to TCMF Sept agenda for BAU update, Oct agenda to present mod	31 Aug (TCMF 7 Sept for BAU update)	Closed
8 18/08	8	Co-ordinate with project leads about deliverables ahead of Mtg 8	JS	Check whether the Backgrounds workstream scope of work includes scaling as a consideration	30 Aug	Closed

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Actions from Meeting 7.5

ID/ date	Agenda Item	Description	Owner	Notes	Target Date	Status
9 18/08	8	Share draft 'negative scaling' modification proposal with the Task Force to review prior to submission	JS/MC	JT and Backgrounds workstream to link with this project for updates	Q4 2023	Closed
10 18/08	9	Review the current modification tracker for a version to feature in future Task Force meetings or shared for visibility.	JS, CP, DS, EB	An overview to alert workstreams of mods to consider	Mtg 8	Closed

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Open Actions from Meetings

ID/ date	Agenda Item	Description	Owner	Notes	Target Date	Status
1 27/07	3	Consider whether updating the 'pseudo-CBA approach' to scaling factors is currently feasible with the data available and whether case for change should include the analysis from the consultants	JT	Consider as part of Backgrounds case for change	Mtg 8	Closed
2 27/07	3	Provide a viewpoint as to the extent to which scaling factors currently mitigate volatility	Frontier/LCP		Mtg 8	Closed
3 27/07	3	Consider whether backgrounds are complicating understanding of how charges work or a necessary element of the cost reflectivity of the model.	Task Force		Mtg 8	Open
6 27/07	5	Review past calculations for sharing to provide a recommendation for what work would be feasible now	Frontier/LCP	Information shared by SL 28 Jul	Mtg 8	Open
7 27/07	5	Consideration of renewables in sharing (wind vs wind, treatment of solar).	Frontier/LCP	JS to assess information needed	Mtg 8	Open

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Open Actions from Meetings

ID/ date	Agenda Item	Description	Owner	Notes	Target Date	Status
8 27/07	5	Exploration of turning off sharing to see impacts on final charges and volatility	Frontier/LCP		Mtg 8	Open
9 27/07	8	Consider calculating using a 5 year average rather than current 5 year method	Frontier/LCP		Mtg 8	Closed
11 27/07	8	Consider the information available to share with consultants & TF re: potential new ESO products and impacts on FPN, and possible new data input modification	JS		TBC: updates can follow after final internal reviews of proposed products	Open
12 27/07	8	Absolute values to be shared for the impact of using FPN only on Year Round components of the tariff.	Frontier/LCP	Material impacts possible for different scales of plant	Mtg 8	Open
13 27/07	8	Contact DNOs for information on key assumptions used in their Wk 24 forecasting.	JS, NW		Mtg 8	Open

Charging Futures

Open Actions from Meetings

ID/ date	Agenda Item	Description	Owner	Notes	Target Date	Status
14 27/07	8	Consider aligning Week 24 data with the SQSS change and move to gross demand.	JZ		Mtg 8	Open
15 27/07	8	Contact TOs for a view on what data inputs could be more regularly updated (re: locational tariff calculations) with a material impact and their view on revenue being deferred for a year	JS, NW	Will form part of wider Data Inputs workstream and discussion	Ongoing	Closed
5 26/06	3-7	Can indicative monetary values be provided for the impacts of the different backgrounds on differently-sized projects.	Frontier/LCP		Mtg 6-10	Open
7 26/06	3-7	Additional analysis shared on metrics used to compare volatility between actual and estimated charges.	Frontier/LCP		TBC – Frontier need a steer on what is required	Closed

Charging Futures

Open Actions from Meetings

ID/ date	Agenda Item	Description	Owner	Notes	Target Date	Status
10 26/06	3-7	Bring together the Task Force representatives and the ESO SQSS Review team (when in a position to do so) to discuss potentially parallel/overlapping interests.	JS, SS to explore with BD	To feed into case for change if required	TBC	Closed
11 26/06	8-10	Consultants are to explore the questions raised on zoning	Frontier/LCP	Considering what adding more zones would do to the existing Ref. Node work? Clarity needed around the definition for zones & differing from sharing factors. Frontier to provide additional note for pack?	Mtg 8	
12 26/06	8-10	Revisit ESO work on embedded generation in relation to the transport model and share with the Task Force if relevant	JS & NW	To consider as part of distributed generation element work package	Ongoing	Closed

Charging Futures

Open Actions from Meetings

ID/ date	Agenda Item	Description	Owner	Notes	Target Date	Status
14 26/06	12	Task Force members are to engage industry colleagues and stakeholders and feed back at the next virtual meeting (incl. substantive effects on other work)	Task Force	TF decision on format and whether workstream proposals will serve this purpose	Ongoing	Closed
1 26/04	1	Provide update on recruiting Non-Domestic user reps to Task Force	JS & NW	Discussions ongoing for a named rep. Non-Domestic Supplier forums updated by JS	Ongoing	Open
8 26/04	7	Further work on design vs cost reflectivity to be presented at Mtg 6	JS & NW	Feedback from legal and SQSS to be shared by JS via feed into case for change relating to Backgrounds	Mtg 8	Closed
10 26/04	7	Investigate more granular data sources for DNO embedded distribution to support the methodology & analytics	JS	Need TF to identify the data needs before exploring sources (part of Distributed Generation work)	TBC	Closed

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