

TNUoS Task Force

Meeting 11

10th January 2024





13:00 - 15:00

- > 13:00 Introduction & Welcome
- > 13:10 Signals subgroup
- > 14:10 Distributed Generation subgroup
- > 14:40 AoB
- > 15:00 Close



Fixing TNUoS Proposal

Lauren Jauss

The objective of this session is to provide:

Discuss Fixing TNUoS Proposal and decide next steps

TNUoS Taskforce Signals Subgroup Recommendations for fixed TNUoS charges

December 2023

The Subgroup recommend a CUSC Modification Proposal be raised to allow users to fix their Local and Wider Charges for a relevant period

Recommended Principles for the Modification

- Users should have flexibility to be able to fix charges to align with investment decisions
- There should be an option but not an obligation to fix
 - If a user has a view that the fixed price is high, and wishes to remain on a floating tariff that they think will be lower then they will be able to bid in relevant auctions/markets more competitively than if forced to fix
- Different users might be able to fix for different periods based on relevant eligibility criteria
- "Fixing" involves a fixing of the relevant background and methodology of the locational signal (e.g. peak, year round shared and year round not shared fixed for each relevant year, and tariff model is fixed)
- It is likely that the Adjustment Tariff will need to remain outside the scope of the fix. If an increasing number of users completely fix their tariffs, the Adjustment is applied to an increasingly small number of users, and the £/MW Adjustment will need to increase to account for the smaller charging base.
- Any divergence in the Wider Tariff that might arise between a fixed TNUoS Tariff based on former tariff projections and the equivalent floating TNUoS Tariff levied on other network users who have not fixed, is not relevant. The objective of locational charges is to send a cost signal at the time of an investment decision, not to achieve a target level of cost recovery

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The Subgroup recommend a CUSC Modification Proposal be raised to allow users to fix their Local and Wider Charges for a relevant period

For consideration by workgroup

- Should the instrument to fix charges be:
 - 1. Bundled together with relevant auctions e.g. CFD, Capacity Market, Balancing Service?
 - Would this be an obligation or an option to fix?
 - Would a level playing field be maintained for similar technologies not participating in these auctions? E.g. plants with PPAs?
 - 2. Administered by ESO but opportunity only open to eligible parties?
 - Would there be an eligibility window or defined milestones
 - 3. Open to all to opt into who pay charges to fix if they want?
- At what point is a site "released" from an obligation to pay fixed charges (e.g. if a project is abandoned?). How can the arrangements be designed to prevent users from "gaming" the system (e.g. opting out of fixed charges if they are higher than floating):
 - Should User Commitment obligations apply as per normal (if insufficient notice of closure)?
 - Should any 'new' project in the same place just go to the back of the queue i.e. you can't just cancel a project to unfix
- Review whether:
 - the Adjustment can also be fixed, at least in the short term or until a limit of users or capacity fixed is reached?
 - Local circuit charges should be fixed
- Is it appropriate to be able to lock in negative charges (credits)?
- What happens if an additional technology is co-located at a site? Or TEC is changed in some way? Does a co-located technology have to be metered and charged completely separately?
- Can a user partially fix charges (e.g. apply for 100MW TEC connection, fix 50MW only)?

RWE

RWE Fixing TNUoS Proposal

Latest thinking & further points for discussion (CMP413 - WACM 2)

Tom Steward, Senior Regulatory Affairs Manager

Why have we raised a WACM?

Agree with the principle underlying original that ESO is better placed to forecast evolution
of network and costs than individual developers, and that the unpredictability adds
avoidable risk (and therefore cost) to the system.

However...

- The Original means much of the 10 year period may have elapsed between CfD bid / FID being taken on a site, and the site beginning commercial operation.
- The Original 10 year rolling fix is out of step with investment cycles all generators are fixed for a rolling 10 year period likely to be too long for some generators, and too short for others.
- Changes to methodology or network design which were not expected in 'year 1' take 10
 years to feature in charges challenging cost reflectivity potentially leading to distorted
 locational signals.

WACM 2 Proposal – Overview (1)

- Principle objective: minimise unnecessary TNUoS risk in order to minimise costs to the consumer.
- Proposal to have an option to fix a profile for the majority* of a generator's wider TNUoS charges for a period against a forecast profile produced by the ESO, this would be refreshed annually. This means each fix is based on the best information at the time.
- This would be open to all generators, and fixes could be for any number of whole years, from 1 to 15 (or up to a maximum length of the ESO's forecast, whichever is shorter).
- TNUoS charges would be on a fixed profile ie. could go up and down over this period, however these fluctuations would be known in advance.
- For new projects, liability would begin at the point of TEC start. For existing projects, from the following year.
- Towards the end of a fixed period, a site would have the option of fixing again, or moving onto a variable TNUoS tariff (akin to today's arrangements).
- Generators opting into a fix would not be able to opt out again mid-way through, however if a site closes it will not be obligated to pay for its remaining fixed period.

*There is a European Regulation, the "€2.50 cap" which applies a negative adjustment to all generators, this would continue to operate independent of the fix. In 2023/24 it reduced all generators TNUOS charges by £0.93/kW. This proposal would also not affect a generator's local tariffs including OFTO charges.

WACM 2 Proposal – Overview (2)

- It is not possible for a modification to truly protect a generator from future modifications. It would therefore be possible for a future modification to change the TNUoS charges of a generator with a fix. It is a matter for OFGEM how future modifications are applied, and to manage any impacts on investor certainty.
- A generator is not required to fix its entire TEC, but can elect to subdivide its TEC again to allow consideration of future investment plans.

<u>Addressing changes to a site mid-way through a fixed period (current thinking – not tested at workgroup)</u>

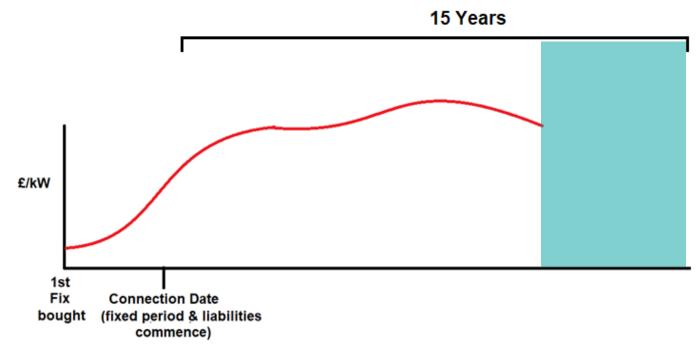
- High level principle: A TNUoS fix shouldn't be the reason to make changes to a site, nor the reason not to make changes a site.
- If a site reduces its TEC, its liabilities decrease as per today.
- If a site increases its TEC, the new TEC is charged at the latest forecast rates (and the generator may choose to fix that part of its TEC).
- If a site changes technology during the life of a fix (ie. moves from intermittent to conventional carbon by adding storage), the life of the fix continues, but at the rate that would have been charged at the point the fix was initially taken.

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Challenge: Tail end of fixed period

- If a generator is bidding on a 15 year contract (e.g. CfD, CM, DPA), it will likely be a number of years between making that bid (and presumably securing the fix alongside it) and the fixed period beginning. If ESO carries out a 15 year forecast, this will leave an unfixed/unforecasted period at the end (shaded area below).
- Therefore, we propose asking ESO what the longest fix it could do would be to minimise the size of the shaded area.

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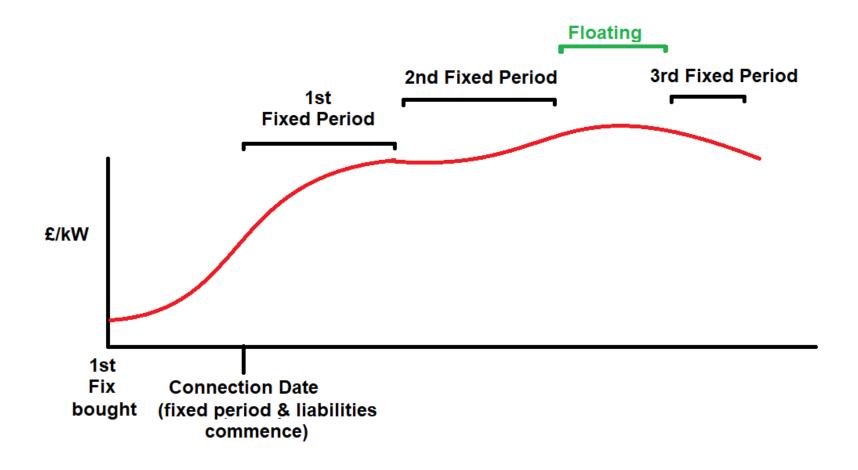
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Open question

How long in advance of the end of an existing fix is the choice taken for a new fix? Timelines need to align for publication of tariffs, CfD, CM, DPA, etc.

Should this continue as a WACM or be a mod in its own right?

When to start the fixed period (new sites)...



Distributed Generation sub group: Case for change

Grace March

The objective of this session is to provide:

Agree on next steps for case for change

Options for charging Small Distributed Generation

Taken from Ofgem Access SCR

Option 1a - TNUoS generation charges for all users

Rejected due to poor proportionality and not appropriate for all Users (microbusiness/domestic etc).

Option 1b - TNUoS charges for >1MW and uncapped EET for <1MW

- Justification of assumption that Users >1MW are in Balancing Mechanism required ESO action
- Wider tariff only as DUoS is 'equivalent' of local circuits
- Limiting Regulation calculation./Adjustment should be consistent with Large Distributed Generation (i.e. SDG is included)
- Least Worst option

Option 1c - Uncapped EET for all users

- Create perverse incentive to turn down at Triad for northern zones.
- Could be mitigated if EET is not calculated at Triad but should remain aligned with Demand signal.
- Future option should Triad change significantly and/or Demand floor removed.



Next Steps and Close Jamie Webb



TCMF rota.

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

• Charging Futures updates





Thank you



Mod	What is it	Where it's at	Which TF Workstream and why?
CMP286/7	Predictability: Increased notice of target revenue and other inputs used in Tariff-Setting	Sent back June. WG re-voted on 286 Nov, => CAC closed 5/1/24. 287: delays on getting Revenue resource re: analysis	Data inputs (TF Priority 3) "Identify data inputs that drive volatility" Backgrounds (TF Priority 1) "Should backgrounds be locked down" Signals (TF Priority 2) "Long term fixing" (a weak mapping as is not long term)
CMP292	Cut off date for charging changes six months ahead of the start of each charging year	Approved - nominal implementation date 1/4/24. Industry reminded of implications at TCMF	Signals: "Long term fixing" (a modest/weak mapping to this line, as it is not very long term in its effect)
CMP315/3 75	Making the expansion constant once again reflect changes in TO build costs; has built-in smoothing-in of new TO cost data; WACM2 also builds up to 30 year TO cost averaging	CAC closed 15 th Dec, Panel vote end Jan '24 & FMR to Ofgem start Feb '24. Impact assessment consultation by Ofgem is considered highly likely. Hope is if passed, could be effective from 1/4/25	Signals: "Impact of fixing on levels of cost reflectivity i.e. consider pace at which network changes" (the smoothing-in of new cost data per year, significantly slows down the impact of changes in TO investment cost data on the slope)



Mod	What is it	Where it's at	Which TF Workstream and why?
CMP316/397	TNUoS Arrangements for co-located generation sites (e.g. mixed conventional and intermittent generation) A proportion of TEC to be assigned to each tech type, each with its own ALF, & apply charges pro-rata	FMRs went to Ofgem Dec '22	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?"
CMP331	Option to replace generic Annual Load Factors (ALFs) with user ALFs	Rejected – method to forecast ALF described by Ofgem as opaque	Data inputs (TF Priority 3): "Review of Annual Load Factors (ALFs)"
CMP405	TNUoS Locational Demand Signals for Storage	At WG, meeting 5 was 11/12/2023; not yet at WG consultation	Signals (TF Priority 2): "Principles for locational demand charges i.e. should signals be investment/operational & level of visibility of signals for various size users; Are Triads still fit for purpose —do they need to change / consider an alternate?; Appropriateness of negative locational charges for generation, and or demand — consistent treatment"



Mod	What is it		Which TF Workstream and why ?
CMP393	Using Imports and Exports to Calculate Annual Load Factor for Electricity Storage	WG next meets 11/1/24 to review legal text and new analysis	Data inputs (TF Priority 3): "Review of Annual Load Factors (ALFs)" Technology type (TF Priority 6): "Is it appropriate to treat different technology types differently?"
CMP413	Rolling 10-year wider TNUoS generation tariffs	WG consultation closed Oct; as at 5 th Dec, 2 WACMs exist.	Signals (TF Priority 2): "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".
CMP419	Generation Zoning Methodology Review	ESO and WG are progressing analysis into the proposed use of EYTS zones. implementation if passed could be April 2026.	Reference Node (TF Priority 4): "Consider changes to zoning and how this may impact reference node suitability".





Mod	What is it		Which TF Workstream and why ?
CMP423	Generation- Weighted Reference Node to replace Demand- Weighted Reference Node	Nominations for WG are in, Workgroup starts meeting this month	Reference Node (TF Priority 4): "Consider changes to zoning and how this may impact reference node suitability".
CMP424	Amendments to Scaling Factors used for Year Round TNUoS Charges	WG is now quorate; 1 st meeting c. 24 th January	Data Inputs (TF Priority 3): Negative scaling issues and revisit math





ID/ date	<u>Agenda</u>	<u>Description</u>	<u>Owner</u>	<u>Notes</u>	<u>Target Date</u>	<u>Status</u>
1 25/10	Item 3	Explore whether suppliers or ElectraLink could provide data to show measurement classes/billing status.	KK, ND		Nov-Jan	Open
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	Open
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	Open
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	Open
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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	<u>ltem</u>					
1 1/10	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	Open
2 11/10	3	Review 2022 Task Force documents for SQSS review plans for 2023.	СР		Nov mtg	Open
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.	СР	Update to be fed back to the Task Force	Nov mtg	Open





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6 11/10	6	Consider a new workstream to discuss the treatment of non-firm connections and charging.	CP/Task Force		Nov mtg	Open
7	6	Find a consistent interpretation of 'non-firm connection' and bring to Task Force to agree.	Sharing sub group		Ongoing	Open
8	6	Consider where solar is included or reflected in the model/TNUoS assumptions.	Task Force/Sharing sub group		Ongoing	Open
9	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





ID/ date	<u>Agenda</u> <u>Item</u>	<u>Description</u>	<u>Owner</u>	<u>Notes</u>	Target Date	<u>Status</u>
11 11/10	7	Arrange a call with JT and ESO on the scaling factor modification and interactions with Backgrounds.	СР		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	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





ID/ date	<u>Agenda</u> Item	<u>Description</u>	<u>Owner</u>	<u>Notes</u>	<u>Target Date</u>	<u>Status</u>
16 11/10	7	Ask the SQSS Team whether they can easily determine how double circuits are considered.	СР		Nov mtg	Open
17 11/10	7	Arrange calls to discuss the pressing questions on Data Inputs and agree next steps ahead of Nov meeting.	СР		Nov mtg	Closed
18 11/10	11	Update consultants on when feedback on the Signals proposal will be available.	СР		October	Open
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	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	Open





ID/ date	<u>Agenda</u> <u>Item</u>	<u>Description</u>	<u>Owner</u>	<u>Notes</u>	Target Date	<u>Status</u>
21 11/10	9	Set an agenda for the new Demand Charging workstream (including the ESO representatives on MHHS) on 25 Oct.	СР	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.	СР		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





ID/ date	<u>Agenda</u> Item	<u>Description</u>	<u>Owner</u>	<u>Notes</u>	<u>Target Date</u>	<u>Status</u>
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	Open
2 15/09	5	Set up a working session between the OpTIC proposers and ESO NOA experts (including exploration of risk)	СР	HH happy to be part of this conversation	TBC	Open
3 15/09	5	Set up bilateral conversations with OpTIC proposer to pick up specific questions	GMa, Amo, PJ		Ongoing	Open
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	Open
5	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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	<u>Item</u>					
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	Open
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	Open
9 15/09	12	Contact the Abs v Rel workstream with thoughts/questions	HH		Oct meetings	Open
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	Open





ID/ date	<u>Agenda</u>	<u>Description</u>	<u>Owner</u>	<u>Notes</u>	Target Date	<u>Status</u>
	<u>Item</u>					
1	2	Backgrounds Case for Change to be shared	JS		Mtg 8	Open
18/08		with the Task Force for review and comment				
2	2	Consider using initial workstream proposals	Task Force	Discuss in Next Steps of	Mtg 8-10	Open
18/08		as alternative format for information to		Mtg 8 based on what's		
10,00		stimulate stakeholder feedback.		shared		
3	4	Ownership and timings defined for the OTNR	R JS	Closure Report to be	October	Closed
18/08		Sub-Group closure report		shared with TF once complete (NP @ESO)		
4	7	For completeness, Task Force members not	EB, DS		1 Sept	Closed
18/08		present at Mtg 7.5 are to provide their view				
		on progressing the Reference Node case into a modification proposal				





ID/ date	<u>Agenda</u> Item	Description	<u>Owner</u>	<u>Notes</u>	<u>Target Date</u>	<u>Status</u>
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	Open
6	7	Draft modification proposal to be raised.	JT		Mid-Oct	Closed
18/08					(JT to advise)	
7	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	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





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





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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	Open
2 27/07	3	Provide a viewpoint as to the extent to which scaling factors currently mitigate volatility	Frontier/LCP		Mtg 8	Open
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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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	Open
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





ID/ date	<u>Agenda</u> <u>Item</u>	Description	<u>Owner</u>	<u>Notes</u>	Target Date	<u>Status</u>
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	Open





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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





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<u>date</u>	<u>Item</u>					
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	Open
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		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	Open
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)	ТВС	Open

