



ESO Coronavirus Preparedness

24th June 2020

nationalgrid**ESO**

Recap of topic areas from the Webinar last week

Please ask any questions via the Q&A section in Webex and we will pick them all up at the end of the session and answer those now which we can. We may have to take away some questions and provide feedback from our expert colleagues in these areas.

These slides, event recordings and further information about the webinars can be found at the following location:

data.nationalgrideso.com/plans-reports-analysis/covid-19-preparedness-materials

We are also in the next week or so looking to publish the front page of our system operating plans to the data portal – update next week.

Questions from last week:

Dynamic containment:

We announced a delay to this product in our Forward plan update in March (against an original baseline date of Q1). The team aim to communicate a re-baselined plan in July. Announcements will be made on the on the [DC webpage](#), and via the [Future of Balancing Services email subscription](#).

Arenko Trial:

The trial report is going through some internal governance and we are aiming to publish next week.

Sizewell contract:

Cost reporting | This level of granularity is not reported in the daily reports - this will be reported in as an ancillary service constraint cost and reported as such in the BM constraints section in the MBSS report.

Stress event | The Sizewell de-load contract is treated as a Constraint Management service and as such the volume will be netted off similar to STOR/Fast Reserve etc. (Relevant Balancing Services schedule within the CM rules apply)

Protecting Critical Staff to maintain Critical Operations

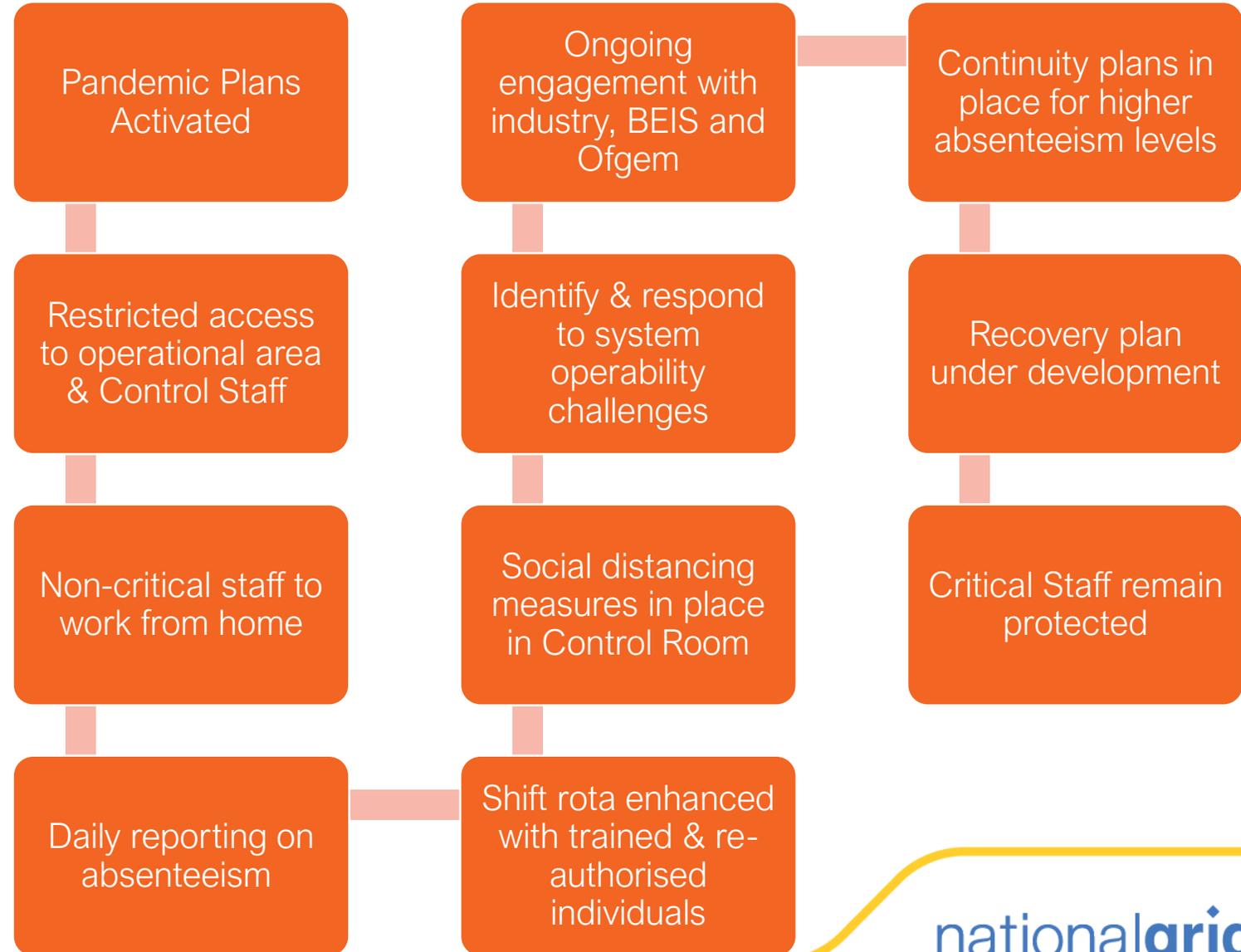
No change to operational arrangements following yesterday's government announcement.

Continue to review our triggers for continuity in line with advice and national & local infection rates

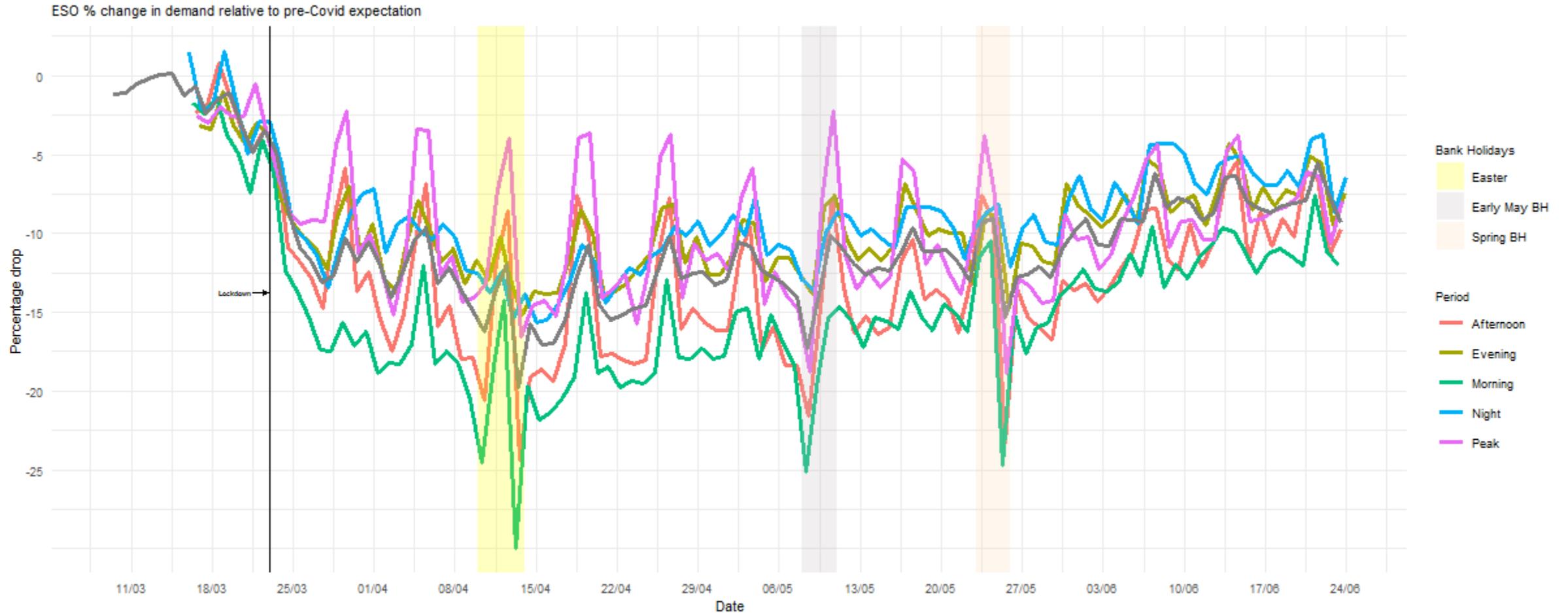
Phased response means re-occupation of offices will be staggered and in line with government working safely guidelines

Critical staff remain protected and this will continue during Recovery

Identified those with business or personal needs to return to the office and working to facilitate this



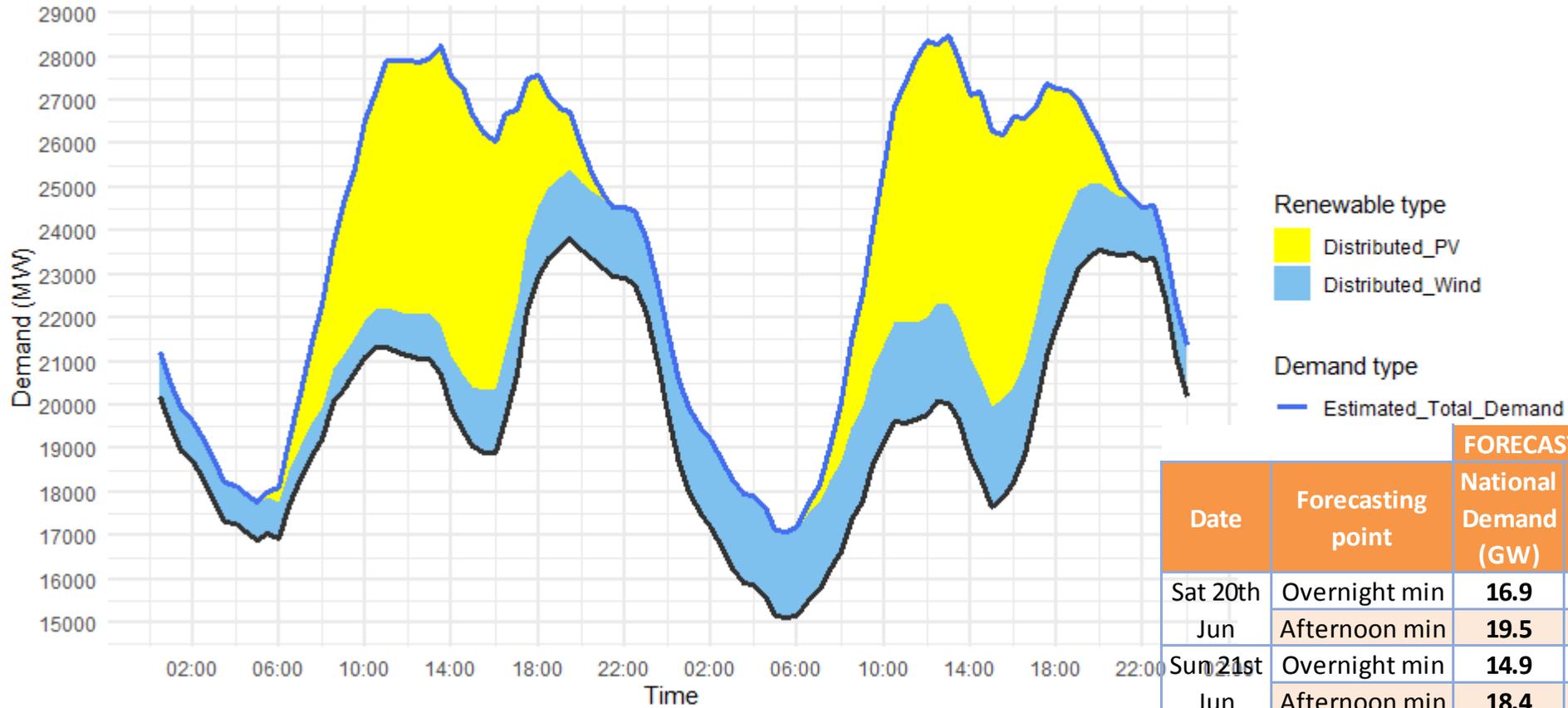
ESO assessment of demand reduction



Latest 7-day rolling average overall demand suppression: 8.4%; week ago it was 8.6%, two weeks ago it was 9.4%

Demand | 20th & 21st June outturn

ESO National Demand outturn* 20th & 21th June 2020
*no ODFM instructed

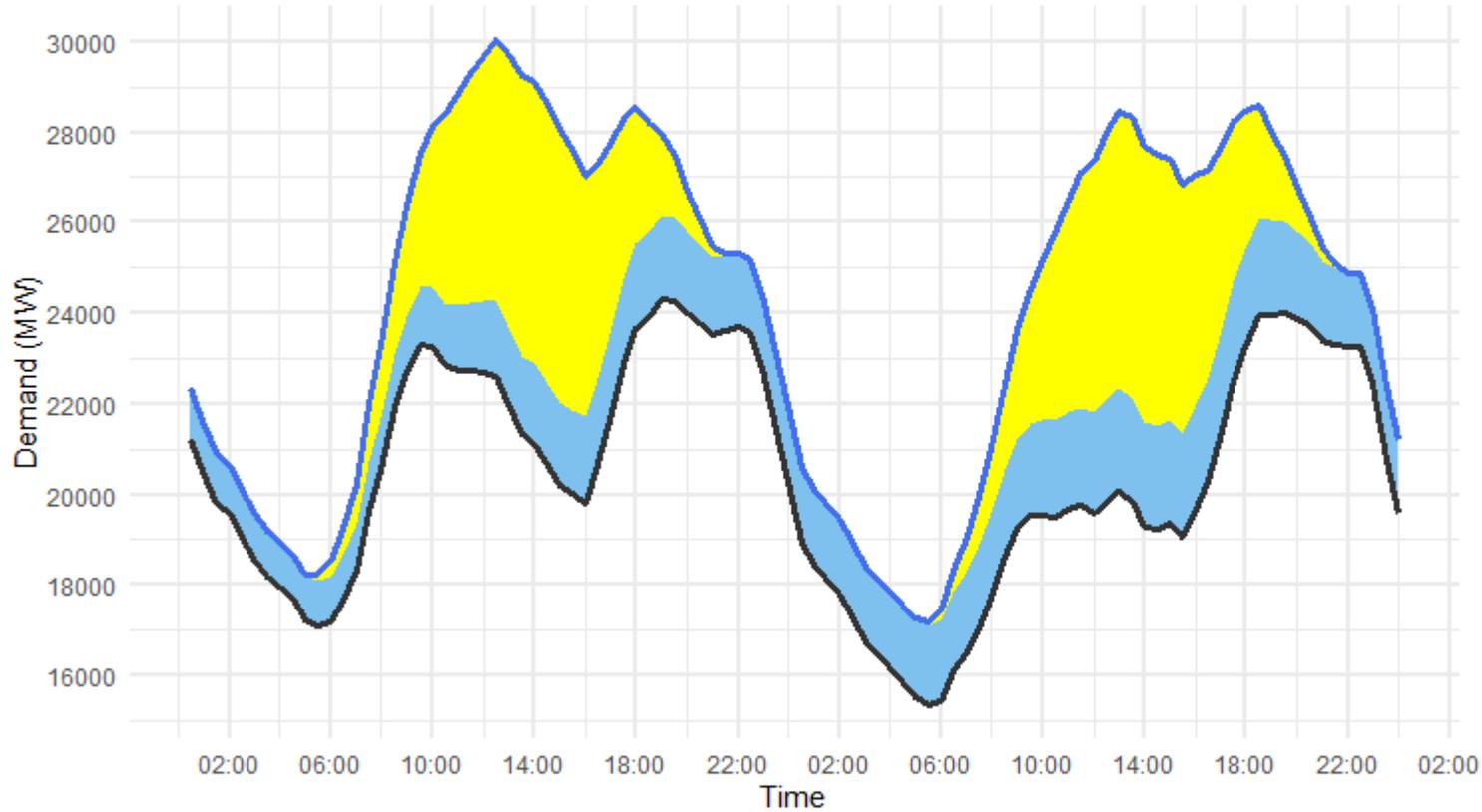


Date	Forecasting point	FORECAST (Wed 17 Jun)			OUTTURN		
		National Demand (GW)	Dist. wind (GW)	Dist. PV (GW)	National Demand (GW)	Dist. wind (GW)	Dist. PV (GW)
Sat 20th Jun	Overnight min	16.9	0.8	0.2	16.9	0.8	0.0
	Afternoon min	19.5	1.6	5.8	18.9	1.5	5.7
Sun 21st Jun	Overnight min	14.9	2.1	0.0	15.1	2.0	0.0
	Afternoon min	18.4	0.9	6.7	17.7	2.3	6.3

Demand | 27th & 28th June

ESO Demand forecast 27th & 28th June 2020

based on the current government policies in relation to the pandemic and on the latest weather forecast



Renewable type

- Distributed_PV
- Distributed_Wind

Demand type

- Estimated_Total_Demand
- National

		FORECAST (Wed 24 Jun)		
Date	Forecasting point	National Demand (GW)	Dist. wind (GW)	Dist. PV (GW)
Sat 27th Jun	Overnight min	17.1	1.0	0.1
	Afternoon min	19.8	1.9	5.3
Sun 28th Jun	Overnight min	15.3	1.7	0.1
	Afternoon min	19.1	2.3	5.5

Optional Downward Flexibility Product | FAQs

Envelope of uncertainty

Beyond T-24 hours
Scenario analysis &
planning

T-24 hours
Day ahead
planning

T-4 hours
Scheduling
Timescales

T=0
Real time
ENCC actions

T+X
Post event
Review

ODFM
decision

Trades &
Super SEL
enactment

BOAs

Time

Inputs into ODFM decision:

- Demand Forecast
- Positive and Negative Reserve requirement
- Contribution to demand of:
 - Nuclear,
 - Pump Storage,
 - Interconnector flows,
 - Minimum CCGT requirement (to meet the voltage and inertia contributions)
 - additional CCGT MWs running to meet demand not inertia
- Overlay:
 - Metered wind forecast
 - Available bids on wind
 - Balancing actions required for network congestion
 - Any market actions drive by price signals

Assessment of ODFM

- Assess if we have a balanced position and can satisfy our downward requirements, or if further action is needed.
 - Action needed to resolve imbalance?
 - Action needed to meet requirement for negative reserve?
- If yes, review commercial options available e.g. what can reasonably be assumed with respect to trading on interconnectors?
- Refine assumptions to deduce a requirement for ODFM in line with envelope of uncertainty at that time

ODFM

EBGLA18 consultation closed earlier this week – thank you to all who responded

Key themes from the consultation:

- What is the enduring solution for ODFM providers
- Is the service length suitable
- Issues with the service related to aggregation & barriers to participation
- How assets in Automatic Network Management (ANM) zone are treated
- Details around, Ramp rates, penalty clause and data templates

Next steps: Ofgem determination is expected on 25th June and industry communications will follow accordingly

Winter 2020 Consultation

As we continue to look forward to how COVID-19 impacts the operation of the Electricity System we are starting to share our views on the winter ahead.

Today we published our 2020 [Winter Review and Consultation](#) Report. This provides a review of last winter's forecasts compared to what actually happened, and an opportunity to share your views on the winter ahead.

At next week's webinar we will be talking through the key items of the consultation.

Previously the winter review and consultation was both gas and electricity, this is the first year where we will be publishing two separate documents. The [Gas Winter Review and Consultation](#) can be found here.

Q&A

After the webinar, you will receive a link to a survey. We welcome feedback to understand what we are doing well and how we can improve the event ongoing.

Please ask any questions via the Q&A section in Webex and we will try to answer as many as possible now

Please continue to use your normal communication channels with ESO

If you have any questions after the event, please contact the following email address:

box.NC.Customer@nationalgrid.com

