



ESO Operational Transparency Forum

5th August 2020

nationalgrid**ESO**

Introduction

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.

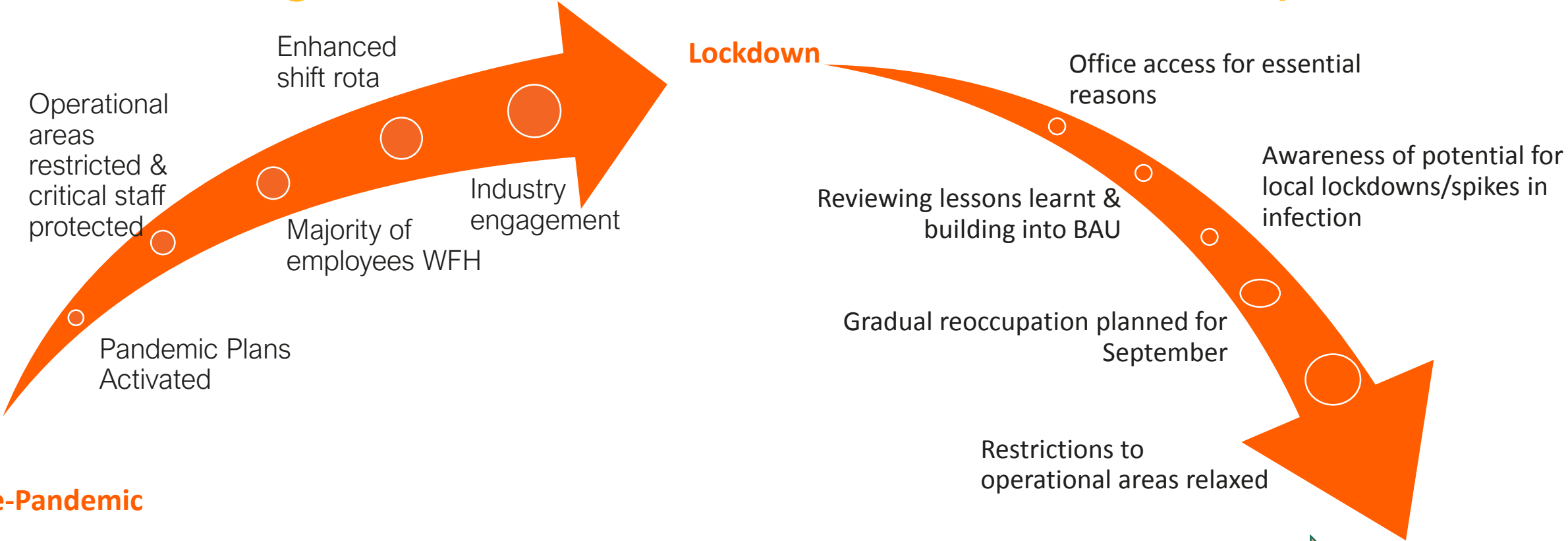
These slides, event recordings and further information about the webinars can be found at the following location:

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

Key topics for this week:

- Business continuity
- Questions from last week
- Demand review and outlook
- ESO actions
- Sizewell contract extension

Protecting Critical Staff to maintain Critical Operations



Identify & respond to system operability challenges

Transparency | Questions from last week

Is there any update on TERRE Go-Live date? GB

No update currently.

Any update on the expansion of the 'Arenko trial' to include a wider group of parties in September? GB

We plan to publish the outputs on the 2nd trial w/c 10th August and we are starting to plan the phase 3 trial to expand to a wider set of participants. We hope to update more fully at next week's webinar.

Was this morning's 2MW at £9,999/MWh offer acceptance of Limejump's DSR real? GB

The offer was sent due to a dispatch error and an incorrect setting in our multi-dispatch tool. This has been corrected, learnings have been shared and processes have been put in place to avoid reoccurrence.

Dumfries and Galloway localised NRPAM- it was stated that there is a LMS scheme in operation. There is also a GEMS scheme being developed for whole or SW Scotland. Will these two schemes be merged or remain separate? MM

The LMS that monitors transmission circuits has been put in place to allow generators to connect ahead of reinforcement works, being GEMS. When GEMS comes online it will take over the monitoring of transmission circuits and dispatch generation. At this point the generators will be compensated. The LMS will remain to monitor the GSP interface

Does NG know when Eleclink will be available? RR

We are working with Eleclink to ensure our systems are ready for go live but it is Eleclink who will need to advise on their planned go live date.

When will NG publish why they were able to reduce the NTC of NEMO ahead of the DA auction on 28th June? RR

Elia placed the NTC restriction on NEMO on 28th June, whilst we have used NTC in the past our preferred method is intra-day trading followed by Intra Day Trading Limits as described in the webinar a few weeks ago.

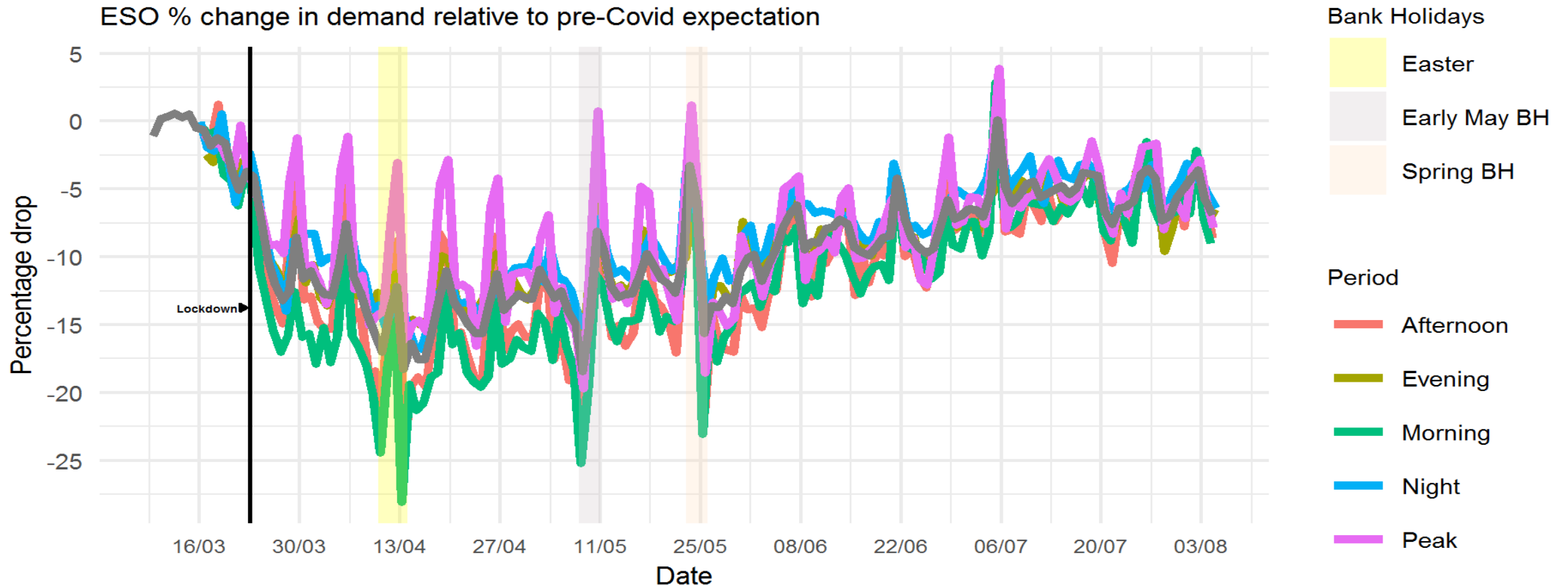
Has NG established why demand was so exceptionally low on 5th and 6th of July? Will embedded wind estimates be updated to make the gross demand look more reasonable? DL

On the weekend of the 4th and 5th of July there were increased amounts of distributed wind and moderate temperatures.

Is it possible to explain the large difference between the forecast vs. outturn last weekend (25&26th July) for dist. PV (i.e. 5.1GW vs. 2.9GW)? DL

As the PV forecast is based on predicted cloud cover amongst other variables it is not uncommon to see this change from a forecast made at 4 days ahead – but we continually update our forecasts towards real time.

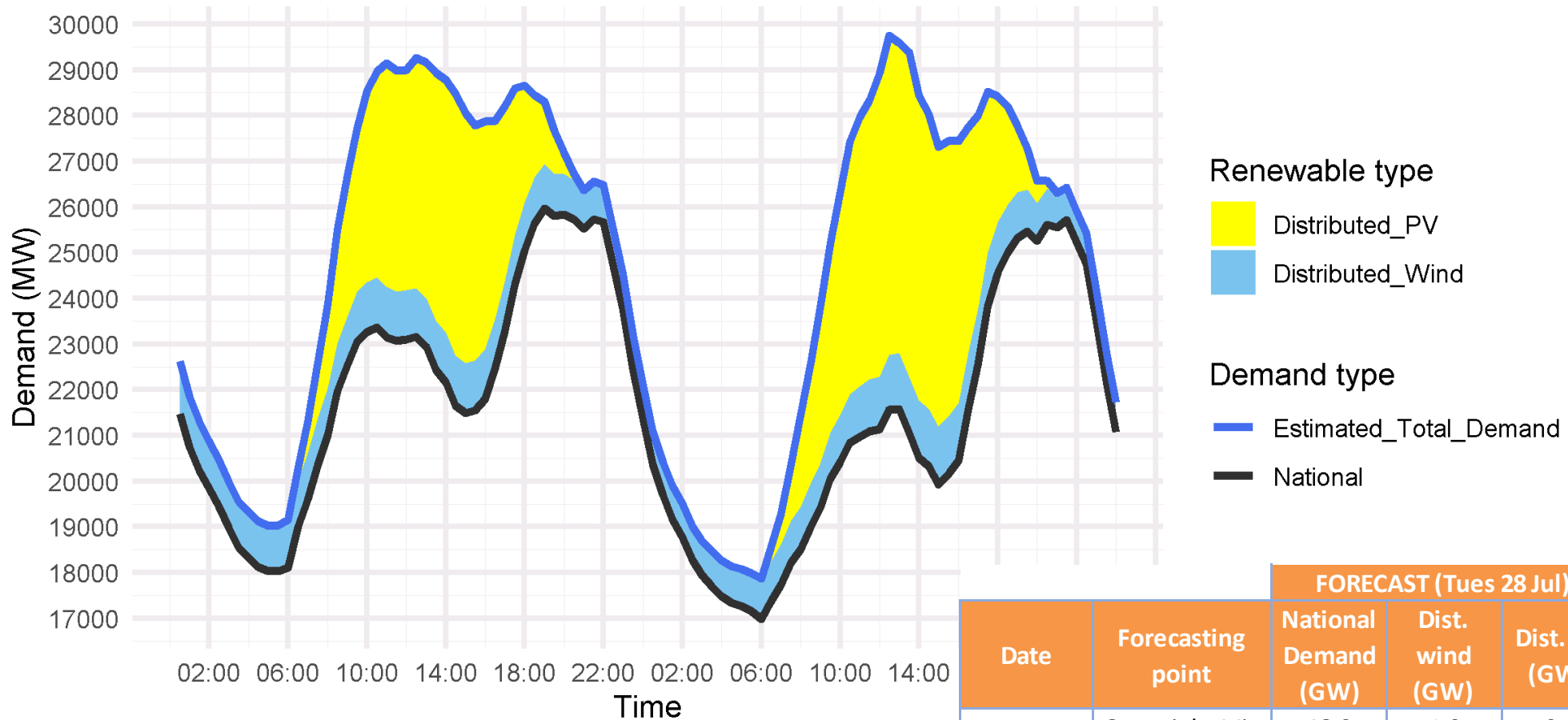
ESO % change in demand relative to pre COVID



In the **last 7 days**, average demand has been **6.3%** lower in the day and **5%** lower overnight. Overall demand drop of **6%**

Demand | Last Weekend Outturn

ESO National Demand outturn 01st & 2nd August 2020



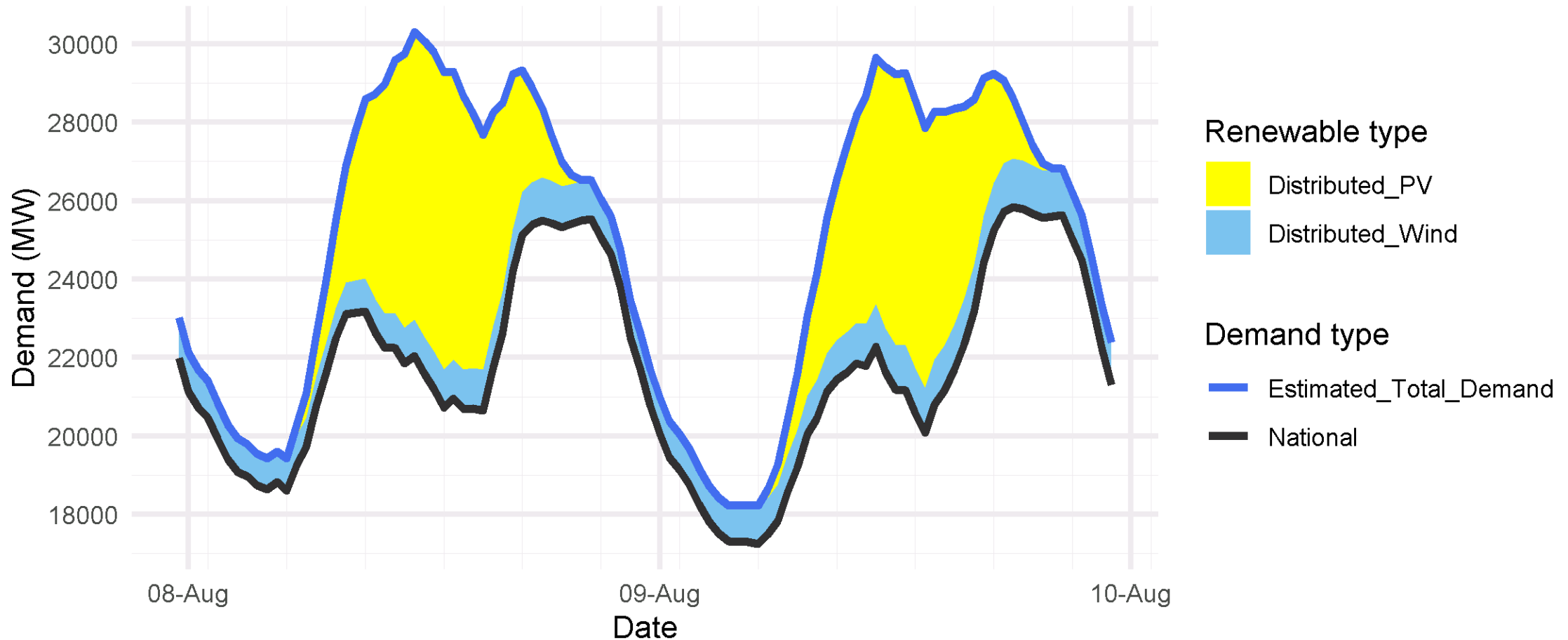
Date	Forecasting point	FORECAST (Tues 28 Jul)			OUTTURN		
		National Demand (GW)	Dist. wind (GW)	Dist. PV (GW)	National Demand (GW)	Dist. wind (GW)	Dist. PV (GW)
1st Aug 20	Overnight Min	18.0	1.3	0.1	18.0	1.0	0.0
	Afternoon Min	19.0	1.5	6.0	21.5	1.1	5.5
2nd Aug 20	Overnight Min	17.0	0.7	0.1	17.0	0.8	0.1
	Afternoon Min	21.5	1.3	4.3	19.9	1.3	6.1

Demand | Forecast for this Weekend

ESO Demand forecast 8th to 9th August 2020

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

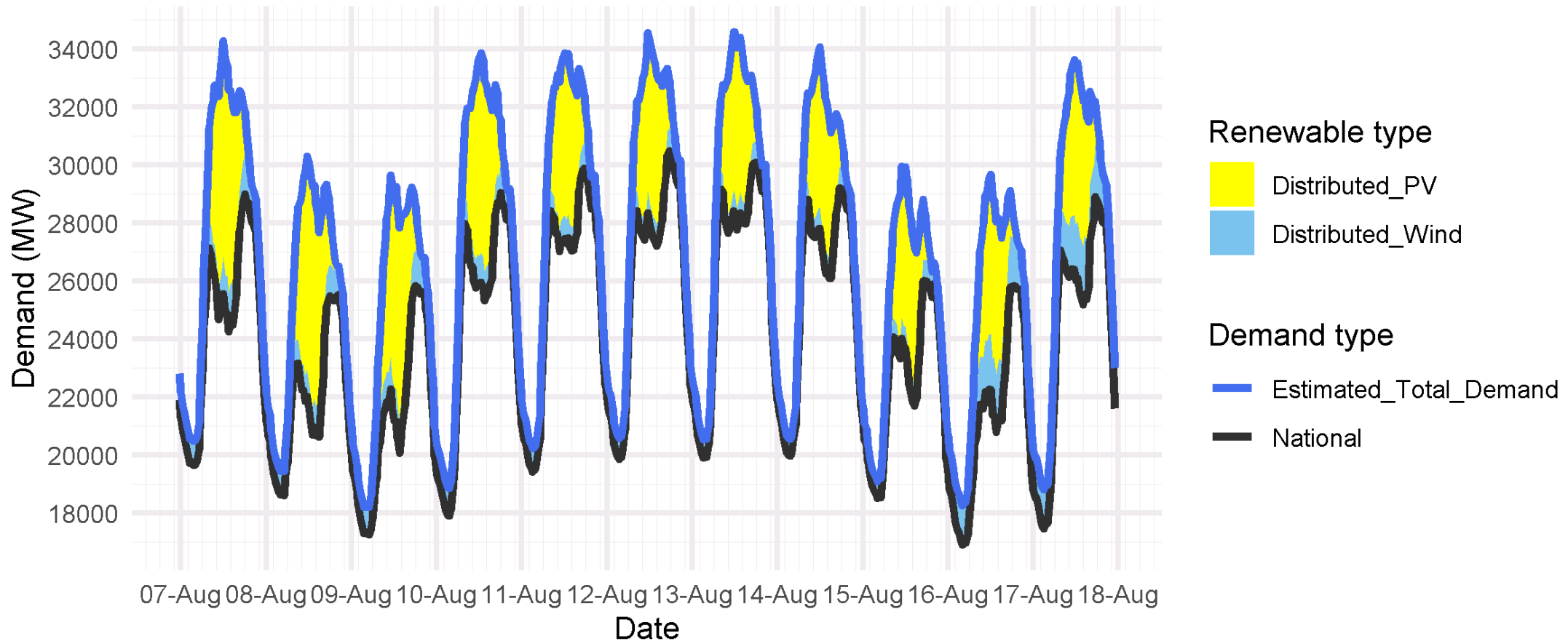
		FORECAST (Wed 5th Aug)		
Date	Forecasting point	National Demand (GW)	Dist. wind (GW)	Dist. PV (GW)
8th Aug 2020	Overnight Min	18.6	0.8	0.1
	Afternoon Min	20.7	1.0	7.0
9th Aug 2020	Overnight Min	17.3	0.9	0.0
	Afternoon Min	20.1	1.2	6.6



Demand | Longer Term Forecast

ESO Demand forecast 7th to 17th August 2020

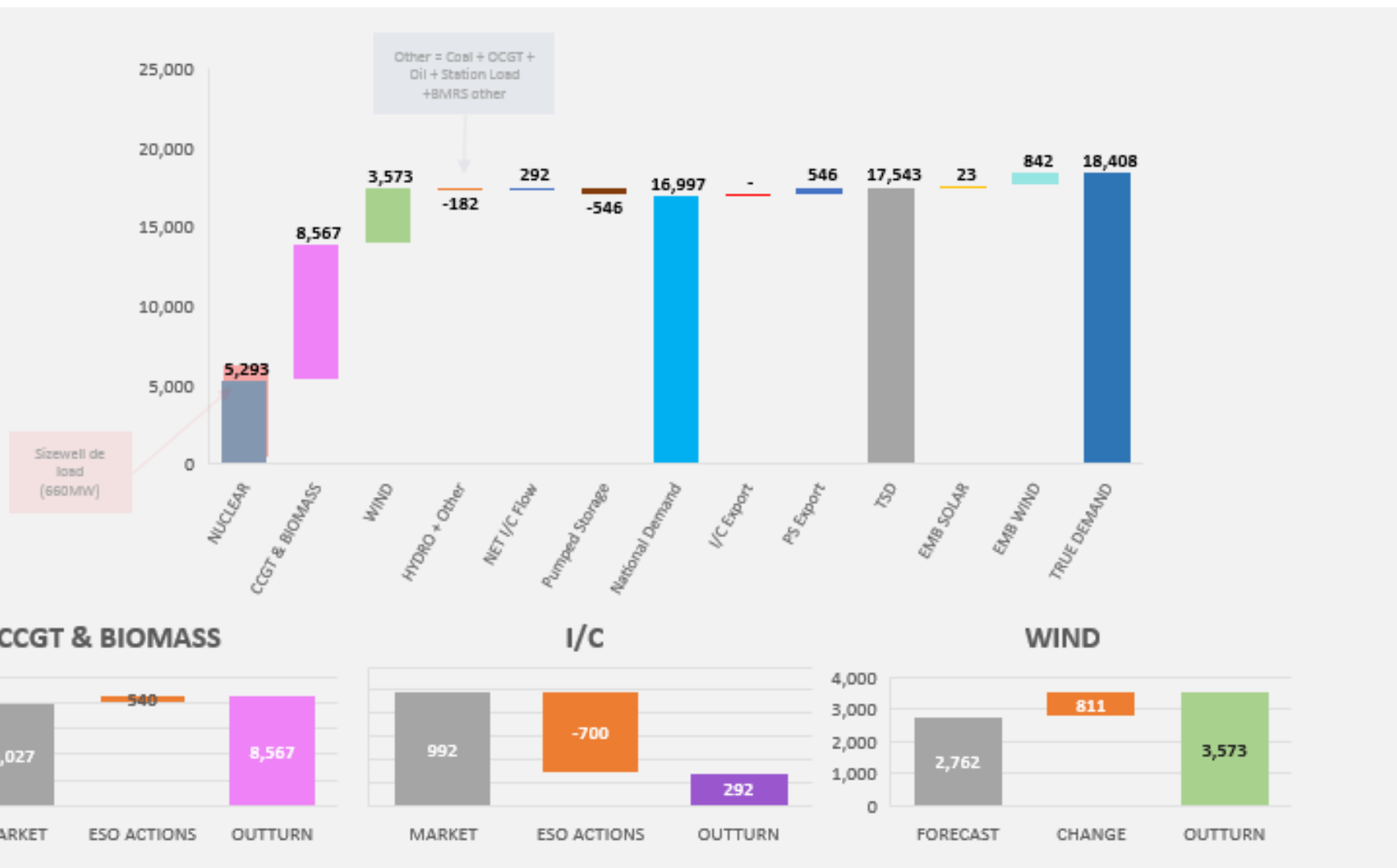
based on the current government policies in relation to the pandemic and on the latest weather forecast



ESO Actions | 2nd August overnight minimum

Date: 02/08/2020

SP: 12



Sizewell contract extension

- We have decided to exercise our final extension option for the contract, as we feel that continuing with the contract to its close on 24th September is in the best interests of consumers.
- This is the last extension of the contract.
- Reduced output from Sizewell B will continue to give vital additional options to our control room engineers as they manage the stability of the electricity system.
- While the contract is commercially sensitive, it is appropriate that we provide some reassurance on costs.
 - For the period 7th May – 19th June the contract cost in the range of £17 - £23m.
 - For the period from June 19th – August 10th, the contract cost in the range £17 - £23m.
 - For the period August 10th - September 24th we forecast that the contract will cost in the range £21m - £27m depending on outturn market prices.
- The cost of the contract and other balancing services is set out in our BSUoS forecasts on our website, the latest forecast covers the period out to 24th September.
- As part of ongoing commitment to providing up to date information to the market, we will be providing our next revision of these forecasts on August 13th.

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

