

I-SEM

LCF Short Day Clock Change Bulletin

Version 1.5



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1 Document Version History

Version	Date	Author	Description of changes
1.0	26/03/2019	Trading Operations, SEMO	Initial Release
1.1	24/03/2020	Trading Operations, SEMO	Second Release
1.2	19/03/2021	Trading Operations, SEMO	Third Release
1.3	21/03/2022	Trading Operations, SEMO	Fourth Release
1.4	20/03/2023	Trading Operations, SEMO	Fifth Release
1.5	27/03/2024	Trading Operations, SEMO	Sixth Release

2 Introduction

This I-SEM Limited Communications Failure (LCF) short day clock change bulletin seeks to provide clarity on how to use the LCF XML generator 'short day' tool for the short day clock change. In this document we will provide an example of how to use the tool to create:

- Physical Notifications
- Simple Commercial Offer Data
- Forecast Availability

This document is only intended to aid participants in case they experience an LCF on the short day clock change day (e.g. 31/03/2024). An LCF is where a Participant cannot access the Balancing Market via TYPE2 (BMI) or TYPE3 (Web service) where applicable. If a participant experiences an LCF, please refer to [Section 3 Useful Links](#) below. This document does not serve as a guide for participant Balancing Market submissions; for general queries, participants should consult the I-SEM Technical Specification (see [Section 3 Useful Links](#)).

The clock change for 2024 will occur on the 31st March 2024 at 1am, where an hour will be missing. This means that at 01:00, the hour will be incremented by one and will therefore be referred to as 02:00.

2.1 Physical Notifications

This section describes how to create Physical Notifications (PN) using the LCF 'short day' tool.

- PN period segments are to be populated by the participant. **Note:** The participant will need to seed the initial PN starting MW value to ensure that a continuous curve is maintained.
- From 23:00 (Local Time) 31 March – 00:30 (Local Time) 31 March period segments are to be submitted as normal as seen in the below example:

Start Time	End Time	Start MW	End MW
30/03/2024 23:00	31/03/2024 23:30	0	0
31/03/2024 23:30	31/03/2024 00:00	0	0
31/03/2024 00:00	31/03/2024 00:30	0	0
31/03/2024 00:30	31/03/2024 02:00	0	0
31/03/2024 02:00	31/03/2024 02:30	0	0
31/03/2024 02:30	31/03/2024 03:00	0	0
31/03/2024 03:00	31/03/2024 03:30	0	0
31/03/2024 03:30	31/03/2024 04:00	0	0

- In the hour immediately following Imbalance Settlement Period, the clock change occurs and an adjustment from 01:00 to 02:00 will occur.
- At 01:00 (Local time) on 31 March, the time will be incremented to 02:00 (Local Time) on 26 March. As a result, period segments are to be submitted without the hour of 01:00 to 02:00. In order to maintain a continuous curve, a PN segment that would on normal days be submitted as 00:30-01:00 should be submitted as 00:30 (Local Time) on 31 March to 02:00 (Local Time) on 31 March.

Resource Name	GU_412345	<<<<	<<<<	<<<<
Start Time	End Time	Start MW	End MW	
30/03/2024 23:00	31/03/2024 23:30	0	0	
31/03/2024 23:30	31/03/2024 00:00	0	0	
31/03/2024 00:00	31/03/2024 00:30	0	0	
31/03/2024 00:30	31/03/2024 02:00	0	0	
31/03/2024 02:00	31/03/2024 02:30	0	0	
31/03/2024 02:30	31/03/2024 03:00	0	0	
31/03/2024 03:00	31/03/2024 03:30	0	0	
31/03/2024 03:30	31/03/2024 04:00	0	0	

- PN segments for the 31st March from 02:00 onwards Local Time are to be submitted as for normal days, as seen in below screenshot.

Resource Name	GU_412345	<<<<	<<<<	<<<<
Start Time	End Time	Start MW	End MW	
30/03/2024 23:00	31/03/2024 23:30	0	0	
31/03/2024 23:30	31/03/2024 00:00	0	0	
31/03/2024 00:00	31/03/2024 00:30	0	0	
31/03/2024 00:30	31/03/2024 02:00	0	0	
31/03/2024 02:00	31/03/2024 02:30	0	0	
31/03/2024 02:30	31/03/2024 03:00	0	0	
31/03/2024 03:00	31/03/2024 03:30	0	0	
31/03/2024 03:30	31/03/2024 04:00	0	0	
31/03/2024 04:00	31/03/2024 04:30	0	0	
31/03/2024 04:30	31/03/2024 05:00	0	0	
31/03/2024 05:00	31/03/2024 05:30	0	0	
31/03/2024 05:30	31/03/2024 06:00	0	0	
31/03/2024 06:00	31/03/2024 06:30	0	0	
31/03/2024 06:30	31/03/2024 07:00	0	0	
31/03/2024 07:00	31/03/2024 07:30	0	0	
31/03/2024 07:30	31/03/2024 08:00	0	0	
31/03/2024 08:00	31/03/2024 08:30	0	0	
31/03/2024 08:30	31/03/2024 09:00	0	0	
31/03/2024 09:00	31/03/2024 09:30	0	0	
31/03/2024 09:30	31/03/2024 10:00	0	0	

Additional Notes:

- No PN submission can span the clock change boundary time at 01:00 IST (incremented to 02:00 IST).

Start Time	End Time	Start MW	End MW
30/03/2024 23:00	31/03/2024 23:30	0	0
31/03/2024 23:30	31/03/2024 00:00	0	0
31/03/2024 00:00	31/03/2024 00:30	0	0
31/03/2024 00:30	31/03/2024 02:00	0	0
31/03/2024 02:00	31/03/2024 02:30	0	0
31/03/2024 02:30	31/03/2024 03:00	0	0
31/03/2024 03:00	31/03/2024 03:30	0	0
31/03/2024 03:30	31/03/2024 04:00	0	0

2.2 Forecast Availability

This section describes how to create forecast availability using the LCF 'short day' tool:

For the Short Day, cells are automatically populated with 00:30 (Local Time) 31 March – 02:00 (Local Time) 31 March to take account of the missing hour

Resource Name		GU_412345	<<<<	<<<<	<<<<
Start Time	End Time	Fuel Flag (P or S)	Min Output	Min Stable Generation	Max Availability
30/03/2024 23:00	30/03/2024 23:30	P	0	0	100
30/03/2024 23:30	31/03/2024 00:00	P	0	0	100
31/03/2024 00:00	31/03/2024 00:30	P	0	0	100
31/03/2024 00:30	31/03/2024 02:00	P	0	0	100
31/03/2024 02:00	31/03/2024 02:30	P	0	0	100
31/03/2024 02:30	31/03/2024 03:00	P	0	0	100

2.3 Simple Offer Data

This section describes how to use the tool to create the LCF 'short day' tool for Simple Offer Data.

- The “Long Day hour submission” flag must be equal to “No”
- Additionally, if start time is 02:00 GMT “Long Day hour submission” flag must be equal to “No”

Additional Notes:

- No segment can cross the clock change boundary 01:00 IST (Irish Summer Time). As per the PNs and Forecast Availability, Simple COD must be entered as 00:30 (Local Time) 31 March – 02:00 (Local Time) 31 March if covering the period during which the time change occurs.

Resource Name	GU_412345	
Resource Type	GEN	<<<<
Start Time	31/03/2024 00:30	<<<<
End Time	31/03/2024 02:00	<<<<
Long Day Hour Submission?	No	<<<<

Incremental Curve	Price (#/MWh)	Quantity (MW)
1	50	200
2	100	400
3	150	600
4	200	800
5		
6		
7		
8		
9		
10		

3 Useful Links*

Document	URL
LCF 'Short Day' Tool	https://www.sem-o.com/documents/general-publications/LCF-Short-Day-Tool.zip
LCF Process Document	https://www.sem-o.com/documents/general-publications/LCF-Offer-Data-Procedure-Participant-Guide-Version-1.4.pdf
I-SEM Technical Specification Release 9.4	https://www.sem-o.com/documents/general-publications/I-SEM-Technical-Specification-(ITS)-Release-9.4.zip

*Open in Chrome if any issues arise.