

# Product Load Following Factors for period 1<sup>st</sup> October 2024 - 30<sup>th</sup> September 2025

Methodology and Approved Values

22<sup>nd</sup> August 2024



# 1. Summary

Per M.12.4. of the Capacity Market Code, the Product Load Following Factor (PLFF) for a product is a value that allows for the impact of the Capacity Quantity Scaling Factor (as calculated in accordance with paragraph F.18.2.1 of the Trading and Settlement Code).

Per M.12.4.2 of the Capacity Market Code states that The System Operators shall submit weekly values for the Product Load Following Factor for a Capacity Year to the Regulatory Authorities for approval at least 3 months prior to the start of the preceding Capacity Year, or as requested by the Regulatory Authorities.

F.18.2.1 of the Trading and Settlement Code states that The Market Operator shall calculate the Capacity Quantity Scaling Factor ( $FSQC_{\gamma}$ ) in Imbalance Settlement Period,  $\gamma$ , as follows:

$$FSQC_{\gamma} = \text{Min} \left( \frac{|\sum_v \text{Min}(QMLF_{v\gamma}, 0)| + (qCREQAR_{\gamma} \times DISP)}{\sum_{\Omega} \sum_{n \in \gamma, qCCOMMISS \neq 0} (qCLF_{\Omega n}) \times DISP}, \frac{\sum_{\Omega} \sum_{n \in \gamma, qCCOMMISS \neq 0} (qCLF_{\Omega n}) \times DISP}{qCREQ_{\gamma} \times DISP}, 1 \right)$$

where:

- (a)  $QMLF_{v\gamma}$  is the Loss-Adjusted Metered Quantity for Supplier Unit,  $v$ , in Imbalance Settlement Period,  $\gamma$ ;
- (b)  $qCREQ_{\gamma}$  is the Required Capacity Quantity in Capacity Year,  $\gamma$ , determined in accordance with the Capacity Market Code;
- (c)  $qCREQAR_{\gamma}$  is the Reserve Adjustment Required Capacity Quantity, in Capacity Year,  $\gamma$ , determined in accordance with the Capacity Market Code;
- (d)  $DISP$  is the Imbalance Settlement Period Duration.
- (e)  $qCLF_{\Omega n}$  is the Loss-Adjusted Capacity Quantity for Capacity Market Unit,  $\Omega$ , for Contract Register Entry,  $n$ , determined in accordance with the Capacity Market Code;
- (f)  $\sum_v$  is a summation over all Supplier Units,  $v$ ;
- (g)  $\sum_{\Omega}$  is a summation over all Capacity Market Units,  $\Omega$ ; and
- (h)  $\sum_{n \in \gamma, qCCOMMISS \neq 0}$  is a summation across all Contract Register Entries,  $n$ , for Capacity Market Unit,  $\Omega$ , relevant in Imbalance Settlement Period,  $\gamma$ , and which has commissioned in accordance with the Capacity Market Code.

## 2. Calculation

Using 30 Min Load forecast values for the 2024/2025 Capacity Year, a total of 17,568  $FSQC_{\gamma}$  values are calculated. To calculate the PLFF, the MAX  $FSQC_{\gamma}$  value is taken for each week. See Table 1 in the Appendix below for approved PLFF values.

## 3. Appendix

Table 1: Approved PLFF values for 1<sup>st</sup> October 2024 to 30<sup>th</sup> September 2025

Week Number	Start Date	End Date	PLFF Value
1	01/10/2024	07/10/2024	0.893
2	08/10/2024	14/10/2024	0.916
3	15/10/2024	21/10/2024	0.939
4	22/10/2024	28/10/2024	0.959
5	29/10/2024	04/11/2024	0.959
6	05/11/2024	11/11/2024	0.959
7	12/11/2024	18/11/2024	0.959
8	19/11/2024	25/11/2024	0.959
9	26/11/2024	02/12/2024	0.959
10	03/12/2024	09/12/2024	0.959
11	10/12/2024	16/12/2024	0.959
12	17/12/2024	23/12/2024	0.959
13	24/12/2024	30/12/2024	0.948
14	31/12/2024	06/01/2025	0.959
15	07/01/2025	13/01/2025	0.959
16	14/01/2025	20/01/2025	0.959
17	21/01/2025	27/01/2025	0.959
18	28/01/2025	03/02/2025	0.959
19	04/02/2025	10/02/2025	0.959
20	11/02/2025	17/02/2025	0.959
21	18/02/2025	24/02/2025	0.959
22	25/02/2025	03/03/2025	0.959
23	04/03/2025	10/03/2025	0.959
24	11/03/2025	17/03/2025	0.959
25	18/03/2025	24/03/2025	0.959
26	25/03/2025	31/03/2025	0.924
27	01/04/2025	07/04/2025	0.944
28	08/04/2025	14/04/2025	0.935
29	15/04/2025	21/04/2025	0.894
30	22/04/2025	28/04/2025	0.915
31	29/04/2025	05/05/2025	0.892
32	06/05/2025	12/05/2025	0.873
33	13/05/2025	19/05/2025	0.884
34	20/05/2025	26/05/2025	0.879
35	27/05/2025	02/06/2025	0.845
36	03/06/2025	09/06/2025	0.876
37	10/06/2025	16/06/2025	0.866
38	17/06/2025	23/06/2025	0.863
39	24/06/2025	30/06/2025	0.882
40	01/07/2025	07/07/2025	0.871
41	08/07/2025	14/07/2025	0.841
42	15/07/2025	21/07/2025	0.857
43	22/07/2025	28/07/2025	0.877
44	29/07/2025	04/08/2025	0.861
45	05/08/2025	11/08/2025	0.879
46	12/08/2025	18/08/2025	0.89
47	19/08/2025	25/08/2025	0.891
48	26/08/2025	01/09/2025	0.894
49	02/09/2025	08/09/2025	0.91
50	09/09/2025	15/09/2025	0.884
51	16/09/2025	22/09/2025	0.894
52	23/09/2025	30/09/2025	0.923