

# DS3 System Services and RoCoF Statement of Payments

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Applicable from 1 October 2017 to 30 April 2018

This Statement is yet to be approved by the Commission of Energy Regulation



## CONTACT DETAILS

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## INTRODUCTION

This statement of payments and charges sets out the payment rates and charge rates/parameters for DS3 System Services Interim Arrangements and Rate of Change of Frequency Incentive in Ireland with effect from 1 October 2017.

This Statement has been prepared by EirGrid and has been approved by the Commission for Energy Regulation (CER).

- The payment and charge arrangements for DS3 System Services are detailed in the DS3 System Services interim contracts.
- The payment arrangements for Rate of Change of Frequency (RoCoF) Incentive Mechanism are detailed in the RoCoF Remuneration Mechanism contracts.

Interested parties may find further useful information on these services on the EirGrid website [www.eirgrid.com](http://www.eirgrid.com).

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## DS3 System Services Interim Tariff Rates

The table below sets out the DS3 System Services payment rates applicable for the period from 1 October 2017 through 30 April 2018<sup>1</sup>.

In May 2017, a consultation paper was published proposing the DS3 System Services tariff rates that will apply to the existing Interim Framework Agreements for the 11 system services, and will be extended to the end of April 2018.

Following consideration of the responses to the consultation, a recommendations paper<sup>2</sup> was submitted to the SEM Committee. The Regulatory Authorities reviewed the TSOs' consultation paper, stakeholder responses and the TSOs' recommendations paper.

The SEM Committee published a decision paper<sup>3</sup> on 21 July 2017 approving the tariff rates for the period 1 October 2017 to 30 April 2018.

Service Name	Unit of Payment	Proposed Rate €
Synchronous Inertial Response (SIR)	MWs <sup>2</sup> h	0.0048
Primary Operating Reserve (POR)	MWh	3.09
Secondary Operating Reserve (SOR)	MWh	1.87
Tertiary Operating Reserve (TOR1)	MWh	1.48
Tertiary Operating Reserve (TOR2)	MWh	1.18
Replacement Reserve – Synchronised (RRS)	MWh	0.24
Replacement Reserve – Desynchronised (RRD)	MWh	0.53
Ramping Margin 1 (RM1)	MWh	0.11
Ramping Margin 3 (RM3)	MWh	0.17
Ramping Margin 8 (RM8)	MWh	0.15
Steady State Reactive Power (SSRP)	MVArh	0.22

Table 1: Rates effective from 1 October 2017 to 30 April 2018

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<sup>1</sup> EirGrid and SONI are separately consulting on the tariff rates and framework to apply for the period from 1 May 2018 onwards.

<sup>2</sup> DS3 System Services Tariffs - TSO Recommendations Paper :  
[http://www.eirgridgroup.com/site-files/library/EirGrid/OPI\\_INV\\_Paper\\_DS3-SS-Rollover-Tariffs-Recommendations-FINAL-21.07.2017.pdf](http://www.eirgridgroup.com/site-files/library/EirGrid/OPI_INV_Paper_DS3-SS-Rollover-Tariffs-Recommendations-FINAL-21.07.2017.pdf)

<sup>3</sup> DS3 System Services Tariffs - SEM Committee Decision Paper:  
<https://www.semcommittee.com/sites/semcommittee.com/files/media-files/SEM-17-052%20Roll-Over%20Tariffs%20SEMC%20Decision%20Paper.pdf>

## Rate of Change of Frequency Incentive Mechanism

The Rate of Change of Frequency (RoCoF) remuneration mechanism<sup>4</sup> was approved in the following SEM committee Decision paper<sup>5</sup> (SEM-16-021) which was published on 31 May 2016.

The payment is scaled in a fashion that the day rate decreases in each six month period. The table below sets out the daily payment rate effective from 1 June 2017 to 28 February 2018 for all eligible units:

Registered Capacity (MW)	1 <sup>st</sup> Jun 2017 to 30 <sup>th</sup> Nov 2017	1 <sup>st</sup> Dec 2017 to 28 <sup>th</sup> Feb 2018
>= 400	€ 750.00	€ 375.00
>= 300	€ 562.50	€ 281.25
>= 200	€ 375.00	€ 187.50
>=100	€ 187.50	€ 93.75
>=50	€ 112.50	€ 56.25
<50	€ 37.50	€ 18.75

Table 2: Daily rate effective from 1 June 2017 to 28 February 2018

Further information, including examples illustrating this payment scheme, can be found in the presentation slides from the RoCoF industry workshop held on 11 March 2016<sup>6</sup>.

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<sup>4</sup> <http://www.eirgridgroup.com/site-files/library/EirGrid/RoCof-remuneration-mechanism-consultation-22-Dec-2015.pdf>

<sup>5</sup> [https://www.semcommittee.com/sites/semcommittee.com/files/media-files/SEM-16-027%20SEM%20RoCoF%20Remuneration%20Mechanism%20Decision%20Final\\_0.pdf](https://www.semcommittee.com/sites/semcommittee.com/files/media-files/SEM-16-027%20SEM%20RoCoF%20Remuneration%20Mechanism%20Decision%20Final_0.pdf)

<sup>6</sup> <https://eirgrid.app.box.com/v/ds3workshops/file/59971749733>