



Ancillary Services Statement of Payments and Charges

Applicable from 1st October 2015 to 30th September 2016

**This Statement has been approved by the
Commission for Energy Regulation**

Table of Contents

CONTACT DETAILS	3
INTRODUCTION	4
SCHEDULE A.....	5
OPERATING RESERVE PAYMENT RATES AND CHARGE RATES/PARAMETERS ...	5
SCHEDULE B.....	7
REACTIVE POWER PAYMENT RATES	7
SCHEDULE C.....	9
INTERCONNECTOR PAYMENT RATES	9
SCHEDULE D.....	11
OTHER SERVICES PAYMENT RATES	11
SCHEDULE E.....	13
BLACK START SERVICE PAYMENT RATES.....	13
SCHEDULE F	15
INTERRUPTIBLE LOAD / SHORT TERM ACTIVE RESPONSE SERVICE PAYMENT RATES	15

CONTACT DETAILS

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This statement is obtainable from the EirGrid website (www.eirgrid.com).

INTRODUCTION

This statement of payments and charges sets out the payment rates and charge rates/parameters for Ancillary Services in Ireland with effect from 1st October 2015.

This Statement has been prepared by EirGrid and has been approved by the Commission for Energy Regulation (CER) and the Utility Regulator Northern Ireland (UREGNI) in their Decision paper¹. The harmonised payment and charge arrangements are contained in the Harmonised Ancillary Services Agreement.

This Statement also contains the rates for payments to providers of Interruptible Load / Short Term Active Response (STAR) which operate in the Republic of Ireland which have been approved by the CER through its approval of this Statement.

This Statement does not contain rates for the Powersave Scheme. These details can be found on the CER website www.cer.ie

This Statement no longer includes the rates for Short Notice Declaration Compensation charges. The Short Notice Declaration charges arrangements which have been approved by the CER and UREGNI are included both in the document entitled Other System Charges Methodology Statement which also includes Trip charges and Generator Performance Incentive charges; and in the document entitled the Transmission Use of System Statement of Charges which contains the harmonised all-island rates.

Interested parties may find further useful information on these services on the EirGrid website www.eirgrid.com.

EirGrid accepts no responsibility for any loss or damage arising howsoever from the use and/or reliance on the information contained in this document and/or referred to in other sources. Furthermore, it cannot be held responsible for errors and/or any consequences arising from the use and/or information contained or cross-referred to herein.

¹ [\[SEM-15-047\]](#) "Ancillary Services Rates and Other System Charges for 2015-2016"; 22nd June, 2015; available at www.allislandproject.org

SCHEDULE A

OPERATING RESERVE PAYMENT RATES AND CHARGE RATES/PARAMETERS

All rates set out below are exclusive of VAT at the relevant rate applicable thereto from time to time.

Operating Reserve Payment Rates and Charge Rates/Parameters

The table below sets out the payment rates applicable to the calculation of payments and the charge rates/parameters applicable to the calculation of charges for Primary Operating Reserve, Secondary Operating Reserve, Tertiary Operating Reserve 1, Tertiary Operating Reserve 2 and Replacement Reserve under Schedule 2 of the Ancillary Services Contract.

Ancillary Services Payment Rates	
Payment Parameters & Rates	Payment Rates
Primary Operating Reserve	€ 2.36 / MWh
Secondary Operating Reserve	€ 2.27 / MWh
Tertiary Operating Reserve 1	€ 1.89 / MWh
Tertiary Operating Reserve 2	€ 0.94 / MWh
Replacement Reserve (Synchronised)	€ 0.21 / MWh
Replacement Reserve (De-Synchronised)	€ 0.54 / MWh
Charge Rates/Parameters for Under Provision	
POR Charge Period	30 days
SOR Charge Period	30 days
TOR1 Charge Period	30 days
Event Frequency Threshold	49.5 Hz
Reserve MW Tolerance ²	1 MW
Reserve Percentage Tolerance	10 %

The exchange rate applied for converting the AS payment rates to GBP was 0.7106.

² The Reserve tolerance will be the greater of the Reserve Percentage Tolerance of the expected Reserve provision or the Reserve MW Tolerance when a charge is applicable.

SCHEDULE B

REACTIVE POWER PAYMENT RATES

All rates set out below are exclusive of VAT at the relevant rate applicable thereto from time to time.

Reactive Power Payment Rates

The table below sets out the payment rates applicable to the calculation of Reactive Power Capability Payments (Leading) and Reactive Power Capability Payments (Lagging) under Schedule 3 of the Ancillary Services Contract.

Reactive Power Capability (Lagging)	€ 0.14 / MVarh
Reactive Power Capability (Leading)	€ 0.14 / MVarh

Note: the calculation of Reactive Power Capability Payments (Leading) and Reactive Power Capability Payments (Lagging) under Schedule 3 of the Ancillary Services Contract involves an AVR factor which has a value of 2 when the AVR is in service and 1 when it is not in service, calculated on a Time Weighted Average basis.

The exchange rate applied for converting the Reactive Power Payment Rates into GBP amounts was 0.7106.

SCHEDULE C

INTERCONNECTOR PAYMENT RATES

All rates set out below are exclusive of VAT at the relevant rate applicable thereto from time to time.

Interconnector Payment Rates

The table below sets out the payment rates applicable to the calculation of Interconnector payments.

Static Interconnector Frequency Response	€ 3.73 / MWh
Static Frequency Charge Period	30 days
Event Frequency Threshold	49.5 Hz
Reserve MW Tolerance ³	1 MW
Reserve Percentage Tolerance	10 %

The exchange rate applied for converting the Interconnector Payment Rates into GBP amounts was 0.7106.

³ The Reserve tolerance will be the greater of the Reserve Percentage Tolerance of the expected Reserve provision or the Reserve MW Tolerance when a charge is applicable.

SCHEDULE D

OTHER SERVICES PAYMENT RATES

All rates set out below are exclusive of VAT at the relevant rate applicable thereto from time to time.

Other Services Payment Rates

The table below sets out the payment rates applicable to the calculation of Other Services payment rates.

Synchronous Compensation	€ 3.01 / h
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The exchange rate applied for converting the Other Services Payment Rates into GBP amounts was 0.7106.

SCHEDULE E

BLACK START SERVICE PAYMENT RATES

All rates set out below are exclusive of VAT at the relevant rate applicable thereto from time to time.

Black Start Service Payment Rates

The table below sets out the payment rates applicable to the calculation of Interconnector payments.

Ancillary Services Payment Rates		
Service Provider	Main Black Start Unit	Rate
ESB Aghada	AT1, AT2, AT4	€64.71 / h
ESB Ardnacrusha	AA1, AA2, AA3, AA4	€22.84 / h
ESB Erne	ER1, ER2, ER3, ER4	€22.04 / h
ESB Lee	LE1, LE2	€9.82 / h
ESB Liffey	LI1, LI2	€8.02 / h
ESB Turlough Hill	TH1, TH2, TH3, TH4	€81.63 / h
EIL	EWE, EWW	€81.63 / h

Charge Rates/Parameters for Under Provision	
Black Start Parameter	Rate
Black Start Charge Period (Partial Fail)	30 days
Black Start Charge Period (Total Fail)	90 days

SCHEDULE F

INTERRUPTIBLE LOAD / SHORT TERM ACTIVE RESPONSE SERVICE PAYMENT RATES

All rates set out below are exclusive of VAT at the relevant rate applicable thereto from time to time.

Interruptible Load / Short Term Active Response (STAR)⁴ Service

The table below sets out the payment rates applicable to the calculation of the Interruptible Load/Short Term Active Response Service.

PAYMENTS: Payments for the provision of service under Payment Schedule ILS. Rates applicable until 31st December, 2015:

Basic Payment (for 20 interruptions per annum):

€8.20 /MWh for *Metered Interruptible Energy* consumed by the interruptible load in the *Payment Period* as measured by the *Interruptible Load Meter*.

Interruptions in excess of 20 per Service Terms	Supplemental Rate
1 – 5 interruptions	€1.74 / MWh
6 – 10 interruptions	€3.48 / MWh
11 – 15 interruptions	€5.23 / MWh
16 – 20 interruptions	€6.97 / MWh

⁴ Short Term Active Response (STAR) is the name given to the scheme replacing the existing Interruptible Load scheme. Further information on STAR can be found at www.eirgrid.com.