



ESB Customer Supply

Seasonal Time of Day (STOD)

tariff proposals & draft prices

for

Large Energy User (LEU) customers

1st October 2008 to 30th September 2009

Issue date: 31st July 2008

Document status: Approved

Large Energy User (LEU) Customers:

Large Energy User (LEU) customers comprise those connected at Medium Voltage (10kV or 20kV), 38kV and 110kV.

STOD Proposal:

In its recent decision paper [21st July 2008: CER/08/131 Interim Electricity Price Increase – 1st Aug 2008] the Commission required ESBCS to submit STOD proposals by 31st July. This proposal is for a 12-month STOD tariff, which is reflective of forward prices in the Single Electricity Market [SEM], to provide LEU customers of ESBCS with an option to fix their electricity rates from 1st October 2008.

Accordingly this paper sets out a STOD option for LEU customers currently on Pool-Price Pass-Through tariffs [PPPT¹] with ESBCS.

Existing LEU Tariffs:

In September 2007 the Commission decided to approve a form of PPPT tariff to LEU customers on an individual basis or on a group basis. The SEM represented a significant departure from the prevailing arrangements and as a transition arrangement existing customers that did not immediately select the Individual PPPT were given a fixed monthly STOD² tariff for the initial 4 months of the new SEM operation (i.e. 1st Nov 2007 – 29th Feb 2008), and thereafter defaulted to the Group PPPT.

Since 1st March 2008 LEU customers have had a choice of one of two variants:

- 1) Individual PPPT
- 2) Group PPPT

A CER direction imposes a restriction on ESBCS from supplying newly connected LEU customers or LEU customers supplied by an independent supplier. Such customers are only allowed to revert to ESBCS in exceptional circumstances and on terms approved by the Commission.

¹ A PPPT tariff is a variable tariff where the energy cost component of the tariff is related to the forecasted Day ahead System Marginal Price (SMP) of electricity in the All Island Electricity Pool Market. The forecasted SMP is variable by half-hourly trading period.

² STOD = Seasonal Time of Day. For this STOD the time periods were: Weekday Day, Weekend Day, Night and Weekday Peak.

STOD Tariff Design Principles:

The STOD prices are set out in Appendix 1. The energy prices are presented in two parts [1st Oct 2008 - 31st Dec 2008 and 1st Jan 2009 – 30th Sept 2009] because the indicative 2009 prices will be updated to take account of the following underlying cost changes when determined later this year by CER:

- a) revised DUoS, TUoS and Supply Costs effective from 1st Jan 2009
- b) application of ESB's €300M rebate to all customers from 1st Jan 2009

- All prices may be adjusted to reflect the Commission's decision regarding Market Operator Charges, Imperfections and Capacity payments which is due at the end of August³. Additionally they may be updated in the event of significant movements in forward wholesale prices in the SEM during the period of consultation. The Commission's final decision on this STOD proposal, including finalised prices, will be published on 5th Sept 2008.
- A separate set of STOD rates will apply to each voltage level (MV, 38kV & 110kV) in order to reflect the differences in network loss factors.
- This tariff option is confined to existing LEU customers to comply with CER decisions in relation to the restriction on ESBCS [CER/06/167 & CER/07/149].
- LEU Customers who wish to select this tariff option must do so in advance of the starting date (1st Oct 2008) and cannot revert to a PPPT tariff before 30th Sept 2009. This is to avoid arbitrage switching between tariffs.
- To maintain consistency with the previous STOD that applied to LEU customers at the start of SEM this STOD comprises 4 individual energy time periods for each month:
 - Weekday Day
 - Weekend Day (to include public holidays)
 - Night
 - Weekday peak (1st Nov-28th Feb inclusive only)
- This tariff option shall expire at 30th Sept 2009 and customers will revert to a pool price pass-through based tariff.

³ 25th July 2008: CER/08/136 - Decisions on Electricity Retail Tariff Inputs for 2008/2009

APPENDIX 1

DRAFT LEU STOD PRICES

31st July 2008

Large Energy User Tariffs – Seasonal Time of Day (SToD)

Medium Voltage (10KV/20KV) SToD Tariff to apply from 1st October 2008

STOD Non-Energy Prices:

Tariff Components	Price - Per Day
Standing Charge	€8.7500
Autoproducers	€2.4000
Tariff Components	Price/Per Day Per KVA
Maximum Import Capacity (MIC)	€0.0760
Autoproducers	€0.00
Tariff Components	Price Per KVA
MIC Excess	€6.96
Autoproducers	€0.00
Tariff Components	Price (Per Unit)
PSO (MIC <30KVA) - P/M Flat price –	€0.00
PSO (MIC >=30KVA) - P/M Price/KVA	€0.00
Excess Wattless Units (KVARh)	€0.00628

STOD Energy Prices/KWh from October 2008 to December 2008.

Tariff Components	Oct 08	Nov 08	Dec 08
Weekday Day Price/KWh <i>(Monday to Friday (08.00 -23.00.00) – (see Peak times below for Nov to Feb).</i>	€0.1779	€0.1449	€0.1515
Weekday Day KWh – Peak <i>(Monday to Friday 17.00 -19.00 - excludes Public Holidays).</i>		€0.2557	€0.2750
Weekend Day Price/KWh <i>(Saturday & Sunday 08.00 - 23.00)</i>	€0.1504	€0.1444	€0.1449
Night Price/KWh <i>(Every Day 23.00.01 – 07.59.59).</i>	€0.1088	€0.1087	€0.1130

STOD Indicative Energy Prices/KWh from January 2009 to September 2009.

Tariff Components	Jan 09	Feb 09	Mar 09	Apr 09	May 09	Jun 09	Jul 09	Aug 09	Sep 09
Weekday Day Price/KWh <i>(Monday to Friday (08.00 - 23.00.00) – (see Peak times below for Nov to Feb).</i>	€0.1649	€0.1817	€0.1864	€0.1658	€0.1678	€0.1675	€0.1622	€0.1656	€0.1512
Weekday Day KWh – Peak <i>(Monday to Friday 17.00 -19.00 - excludes Public Holidays).</i>	€0.2665	€0.2194							
Weekend Day Price/KWh <i>(Saturday & Sunday 08.00 - 23.00)</i>	€0.1545	€0.1606	€0.1677	€0.1443	€0.1452	€0.1343	€0.1409	€0.1541	€0.1414
Night Price/KWh <i>(Every Day 23.00.01 – 07.59.59).</i>	€0.1221	€0.1211	€0.1241	€0.1065	€0.1087	€0.1046	€0.0998	€0.1059	€0.0999

Notes:

- The Weekday Peak Price/KWh price applies for the months November to February only.
- Weekdays are charged at Weekday Day/ Night rates and Weekend days are charged at Weekend Day/ Night rates. Public Holidays are charged at Weekend Day/Night prices.

Large Energy User Tariffs – Seasonal Time of Day (SToD)

38 KV Looped SToD Tariff to apply from 1st October 2008

STOD Non-Energy Prices :

Tariff Components	Price - Per Day
Standing Charge	€117.3660
Autoproducers	€10.9340
Tariff Components	Price/Per Day Per KVA
Maximum Import Capacity (MIC)	€0.0520
Autoproducers	€0.00
Tariff Components	Price Per KVA
MIC Excess	€3.4000
Autoproducers	€0.00
Tariff Components	Price Per Unit
PSO (MIC <30KVA) - P/M Flat price –	€0.00
PSO (MIC >=30KVA) - P/M Price/KVA	€0.00
Excess Wattless Units (KVARh)	€0.00585

STOD Energy Prices/KWh from October 2008 to December 2008.

Tariff Components	Oct 08	Nov 08	Dec 08
Weekday Day Price/KWh <i>(Monday to Friday (08.00 -23.00.00) – (see Peak times below for Nov to Feb).</i>	€0.1727	€0.1397	€0.1462
Weekday Day KWh – Peak <i>(Monday to Friday 17.00 -19.00 - excludes Public Holidays).</i>		€0.2504	€0.2697
Weekend Day Price/KWh <i>(Saturday & Sunday 08.00 - 23.00)</i>	€0.1451	€0.1391	€0.1397
Night Price/KWh <i>(Every Day 23.00.01 – 07.59.59).</i>	€0.1078	€0.1077	€0.1121

STOD Indicative Energy Prices/KWh from January 2009 to September 2009.

Tariff Components	Jan 09	Feb 09	Mar 09	Apr 09	May 09	Jun 09	Jul 09	Aug 09	Sep 09
Weekday Day Price/KWh <i>(Monday to Friday (08.00 - 23.00.00) – (see Peak times below for Nov to Feb).</i>	€0.1597	€0.1764	€0.1812	€0.1606	€0.1626	€0.1622	€0.1570	€0.1604	€0.1460
Weekday Day KWh – Peak <i>(Monday to Friday 17.00 -19.00 - excludes Public Holidays).</i>	€0.2613	€0.2141							
Weekend Day Price/KWh <i>(Saturday & Sunday 08.00 - 23.00)</i>	€0.1493	€0.1553	€0.1624	€0.1390	€0.1399	€0.1291	€0.1356	€0.1488	€0.1361
Night Price/KWh <i>(Every Day 23.00.01 – 07.59.59).</i>	€0.1211	€0.1202	€0.1231	€0.1055	€0.1077	€0.1036	€0.0988	€0.1049	€0.0990

Notes:

- The Weekday Peak Price/KWh price applies for the months November to February only.
- Weekdays are charged at Weekday Day/ Night rates and Weekend days are charged at Weekend Day/ Night rates. Public Holidays are charged at Weekend Day/Night prices.

Large Energy User Tariffs – Seasonal Time of Day (SToD)

38 KV Tailed SToD Tariff to apply from 1st October 2008

STOD Non-Energy Prices

Tariff Components	Price - Per Day
Standing Charge	€41.2520
Autoproducers	€10.9320
Tariff Components	Price/Per Day Per KVA
Maximum Import Capacity (MIC)	€0.0520
Autoproducers	€0.00
Tariff Components	Price Per KVA
MIC Excess	€3.4000
Autoproducers	€0.00
Tariff Components	Price Per Unit
PSO (MIC <30KVA) - P/M Flat price –	€0.00
PSO (MIC >=30KVA) - P/M Price/KVA	€0.00
Excess Wattless Units (KVARh)	€0.00585

STOD Energy Prices/KWh from October 2008 to December 2008.

Tariff Components	Oct 08	Nov 08	Dec 08
Weekday Day Price/KWh <i>(Monday to Friday (08.00 -23.00.00) – (see Peak times below for Nov to Feb).</i>	€0.1727	€0.1397	€0.1462
Weekday Day KWh – Peak <i>(Monday to Friday 17.00 -19.00 - excludes Public Holidays).</i>		€0.2504	€0.2697
Weekend Day Price/KWh <i>(Saturday & Sunday 08.00 - 23.00)</i>	€0.1451	€0.1391	€0.1397
Night Price/KWh <i>(Every Day 23.00.01 – 07.59.59).</i>	€0.1078	€0.1077	€0.1121

STOD Indicative Energy Prices/KWh from January 2009 to September 2009.

Tariff Components	Jan 09	Feb 09	Mar 09	Apr 09	May 09	Jun 09	Jul 09	Aug 09	Sep 09
Weekday Day Price/KWh <i>(Monday to Friday (08.00 - 23.00.00) – (see Peak times below for Nov to Feb).</i>	€0.1597	€0.1764	€0.1812	€0.1606	€0.1626	€0.1622	€0.1570	€0.1604	€0.1460
Weekday Day KWh – Peak <i>(Monday to Friday 17.00 -19.00 - excludes Public Holidays).</i>	€0.2613	€0.2141							
Weekend Day Price/KWh <i>(Saturday & Sunday 08.00 - 23.00)</i>	€0.1493	€0.1553	€0.1624	€0.1390	€0.1399	€0.1291	€0.1356	€0.1488	€0.1361
Night Price/KWh <i>(Every Day 23.00.01 – 07.59.59).</i>	€0.1211	€0.1202	€0.1231	€0.1055	€0.1077	€0.1036	€0.0988	€0.1049	€0.0990

Notes:

- The Weekday Peak Price/KWh price applies for the months November to February only.
- Weekdays are charged at Weekday Day/ Night rates and Weekend days are charged at Weekend Day/ Night rates. Public Holidays are charged at Weekend Day/Night prices.

Large Energy User Tariffs – Seasonal Time of Day (SToD)

110 KV SToD Tariff to apply from 1st October 2008

STOD Non-Energy Prices:

Tariff Components	Price - Per Day
Standing Charge	€21.2220
Tariff Components	Price Per Day <i>Per KVA</i>
Maximum Import Capacity (MIC)	€0.0340
Tariff Components	Price Per Unit
PSO (MIC <30KVA) - P/M Flat price –	€0.00
PSO (MIC >=30KVA) - P/M Price/KVA	€0.00

STOD Energy Prices/KWh from October 2008 to December 2008:

Tariff Components	Oct 08	Nov 08	Dec 08
Weekday Day Price/KWh <i>(Monday to Friday (08.00 -23.00.00) – (see Peak times below for Nov to Feb).</i>	€0.1712	€0.1382	€0.1447
Weekday Day KWh – Peak <i>(Monday to Friday 17.00 -19.00 - excludes Public Holidays).</i>		€0.2489	€0.2682
Weekend Day Price/KWh <i>(Saturday & Sunday 08.00 - 23.00)</i>	€0.1436	€0.1376	€0.1382
Night Price/KWh <i>(Every Day 23.00.01 – 07.59.59).</i>	€0.1076	€0.1075	€0.1119

STOD Indicative Energy Prices/KWh from January 2009 to September 2009:

Tariff Components	Jan 09	Feb 09	Mar 09	Apr 09	May 09	Jun 09	Jul 09	Aug 09	Sep 09
Weekday Day Price/KWh <i>(Monday to Friday (08.00 - 23.00.00) – (see Peak times below for Nov to Feb).</i>	€0.1582	€0.1749	€0.1797	€0.1591	€0.1611	€0.1607	€0.1555	€0.1589	€0.1445
Weekday Day KWh – Peak <i>(Monday to Friday 17.00 -19.00 - excludes Public Holidays).</i>	€0.2598	€0.2127							
Weekend Day Price/KWh <i>(Saturday & Sunday 08.00 - 23.00)</i>	€0.1478	€0.1538	€0.1610	€0.1375	€0.1385	€0.1276	€0.1342	€0.1473	€0.1346
Night Price/KWh <i>(Every Day 23.00.01 – 07.59.59).</i>	€0.1210	€0.1200	€0.1230	€0.1054	€0.1076	€0.1035	€0.0987	€0.1048	€0.0988

Notes:

- The Weekday Peak Price/KWh price applies for the months November to February only.
- Weekdays are charged at Weekday Day/ Night rates and Weekend days are charged at Weekend Day/ Night rates. Public Holidays are charged at Weekend Day/Night prices.