



Commission for Energy Regulation

An Coimisiún um Rialáil Fuinnimh

## 2012 Standard Transmission Charges

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## **Abstract:**

In May 2009 the CER published a decision paper (CER/09/077) which detailed standard transmission charges and timelines to be used by EirGrid when issuing offers for connection to the Irish distribution (where shallow transmission assets are built) and transmission networks.

The CER now approves these charges updated to reflect indicative 2012 prices.

The aim of the standard transmission charges is to provide a reasonable degree of financial certainty for parties, particularly Gate 3 renewable generators, seeking to connect to the Irish network.

## **Target Audience:**

Electricity generators and demand customers connecting to the electricity network.

## **Related Documents:**

- 2011 Standard Transmission Charges – Decision paper CER/10/235  
<http://www.cer.ie/en/electricity-transmission-network-overview.aspx?article=e7c35fda-0f20-43b8-8358-16e819874f1b>
- Standard Transmission Charges & Timelines – Decision Paper, CER/09/077  
<http://www.cer.ie/en/electricity-transmission-network-current-consultations.aspx?article=7ab5d769-38ba-450c-b772-74751011d83e>
- Standard Transmission Charges & Timelines – A Consultation Paper, CER/08/167  
<http://www.cer.ie/en/electricity-transmission-network-current-consultations.aspx>
- Standard Prices for Generators 2011, CER/10/224(i)  
<http://www.cer.ie/en/electricity-distribution-network-current-consultations.aspx?article=d93208f7-9839-4a8f-b3b7-f8efc2b1a9fe>
- Decision on TSO and TAO Transmission Revenue for 2011 to 2015, CER/10/206  
<http://www.cer.ie/en/electricity-transmission-network-decision-documents.aspx?article=163210c1-f11f-4713-bfc9-d3b1c2fb4df3>
- CER Proposed Decision on Electricity Network Connection Policy CER/09/072 – 16 April 2009  
<http://www.cer.ie/en/electricity-distribution-network-current-consultations.aspx?article=2c22a3a8-a3d1-4f3a-8c22-2d891f1d3a71&mode=author>

## **1.0 Introduction**

### **1.1 The Commission for Energy Regulation**

The Commission for Energy Regulation ('the CER') is the independent body responsible for overseeing the regulation of Ireland's electricity and gas sector's. The CER was initially established and granted regulatory powers over the electricity market under the Electricity Regulation Act, 1999. The enactment of the Gas (Interim) (Regulation) Act, 2002 expanded the CER's jurisdiction to include regulation of the natural gas market, while the Energy (Miscellaneous Provisions) Act 2006 granted the CER additional powers in relation to gas and electricity safety.

The Electricity Regulation Amendment (SEM) Act 2007 outlined the CER's functions in relation to the Single Electricity Market (SEM) for the island of Ireland. This market is regulated by the CER and the Northern Ireland Authority for Utility Regulation (NIAUR). The CER is working to ensure that consumers benefit from regulation and the introduction of competition in the energy sector.

### **1.2 Purpose of this paper**

The purpose of this decision paper is to update the standard transmission charges (approved by the CER in CER/09/077) to indicative 2012 prices.

### **1.3 Background Information**

Standard charges (and timelines) mean that parties connecting to the transmission system will not see (in their connection offer) the actual location-specific cost and timeline for their shallow connection, but rather the CER approved standard charges and timelines which are based on the average connection for the asset class in question. This standard applies irrespective of the location-specific connection terrain, conditions, etc.

The intent of these standard transmission connection charges (and timelines) is to provide a reasonable degree of certainty for parties seeking to connect to the distribution and transmission systems in Ireland. In particular, they provide the basis for connection charges for Gate 3 distribution (where shallow transmission assets are built) and transmission related renewable Generator connection offers.

The standard transmission charges and timelines in CER/09/077 apply from May 2009 to the end of the roll-out of Gate 3 connection offers. CER/09/077 stated that the standard charges would not change in real terms during this time, i.e. they would be updated annually only to reflect changes in the CPI.

With the move to the application of the Irish Harmonised Index of Consumer Prices (HICP) from CPI as outlined in the PR3 decision paper (CER/10/206)<sup>1</sup>, the CER now publish updated standard transmission charges to reflect 2012 indicative prices as per the following:

- 2010 actual CPI of -1.0% (CPI still applicable in the PR2 period);
- 2011 estimated Irish HICP of +1.3% (move to HICP in PR3)<sup>2</sup>; and
- 2012 estimated Irish HICP of +1%<sup>3</sup>.

#### ***1.4 Structure of this paper***

This paper is structured in the following manner:

- **Section 1** provides an introduction to this paper. It also provides information on where background information can be sourced;
- **Appendix A** details the standard charges approved in CER/09/077 updated to reflect 2012 indicative prices

#### ***1.5 Queries to this paper***

Queries should be sent to:

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<sup>1</sup> Please refer to Section 13.2.2 of CER/10/206.

<sup>2</sup> Please refer to the ESRI Quarterly Economic Commentary, Summer 2011 which can be found [here](#).

<sup>3</sup> Ibid.

## Appendix A - CER approved standard transmission charges.

Asset	2011 indicative prices	2012 indicative prices	Diff in €'s	Diff in %
New Looped Outdoor 110kV Station (Single strung busbar, AIS switchgear, SCS Control)	€2,620,000	€2,660,000	€40,000	2%
New 110kV Line bay in existing outdoor station	€730,000	€740,000	€10,000	1%
New tailfed (Single Supply) Outdoor 110kV Station - Industrial Customer	€1,300,000	€1,320,000	€20,000	2%
New Looped Outdoor 220kV Station (Single 220kV Busbar) - Generation (1 No.)	€3,620,000	€3,680,000	€60,000	2%
New 220kV line bay in existing 220kV outdoor station, single busbar	€1,050,000	€1,060,000	€10,000	1%
New 220kV line bay in existing 220kV outdoor station, double busbar	€1,230,000	€1,250,000	€20,000	2%
New 110kV Line bay in existing 220kV outdoor station, double busbar	€780,000	€790,000	€10,000	1%
110kV SC Woodpole 200mm <sup>2</sup> /300mm <sup>2</sup> ACSR 80°C with earthwire (<10km)	€240,000	€240,000	€0	0%
110kV SC Woodpole 200mm <sup>2</sup> /300mm <sup>2</sup> ACSR 80°C with earthwire (>10km)	€240,000	€240,000	€0	0%
110kV SC Woodpole 430mm <sup>2</sup> ACSR 80°C with earthwire (<10km)	€350,000	€350,000	€0	0%
110kV SC Woodpole 430mm <sup>2</sup> ACSR 80°C with earthwire (>10km)	€310,000	€310,000	€0	0%
220kV SC Tower 600mm <sup>2</sup> ACSR 80°C with earthwire (<10km)	€740,000	€750,000	€10,000	1%
220kV SC Tower 600mm <sup>2</sup> ACSR 80°C with earthwire (>10km)	€710,000	€720,000	€10,000	1%
110kV 120MVA - 1000mm <sup>2</sup> Al Single Circuit: Cable & Civils (Roadway day)	€860,000	€870,000	€10,000	1%
110kV 120MVA - 1000mm <sup>2</sup> Al Single Circuit: Cable & Civils (Roadway night)	€1,300,000	€1,320,000	€20,000	2%
110kV 250MVA - 1600mm <sup>2</sup> Cu Single Circuit: Cable & Civils (Roadway day)	€1,870,000	€1,890,000	€20,000	1%
110kV 250MVA - 1600mm <sup>2</sup> Cu Single Circuit: Cable & Civils (Roadway night)	€2,690,000	€2,730,000	€40,000	1%
220kV 500MVA - Single Circuit: Cable & Civils (Roadway day)	€1,980,000	€2,020,000	€40,000	2%
220kV 500MVA - Single Circuit: Cable & Civils (Roadway night)	€2,140,000	€2,180,000	€40,000	2%
250MVA (per end)	€110,000	€110,000	€0	0%
120MVA (per end)	€100,000	€100,000	€0	0%
Lines cables interface mast (Per End)	€250,000	€250,000	€0	0%
500MVA (per end)	€260,000	€260,000	€0	0%