

Data provided to Ofgem by National Grid for ACER Review in June 2013

1. Annual total G-Charges paid by the producers [Euro]

€533,382,611.72^{*}

€485,903,913.00[†]

*2012/13 figure, includes local charges for radial spurs connecting the generators to the transmission network.

†2012/13 figure, excludes local charges for radial spurs connecting the generators to the transmission network.

2. Total measured energy injected annually by the generators to the transmission system [MWh]

317,900,000MWh – 2012/13 figure

3. Share of the revenue generated by G-Charge from total revenues

27%

4. What is the basis of application of generation charges – Power or Energy or Other?

Generation users are charged based on the power connected i.e. the TEC (Transmission Entry Capacity) they have signed on to, in the bilateral contract with the TSO.

5. Do the generation charges vary on the basis of following parameters?

(a) Location – Range: -€16.38 - €27.06/kW

(b) Voltage – The voltage affects the local substation charge. Range: 0 – 0.56 €/kW

6. Are the generation charges in GB calculated based on actual costs?

Yes, the signal is based on a forward looking long run incremental cost related pricing methodology. The cost scalar in that model is based on the indexed historic asset cost for generic technology types along with an overhead factor to represent asset maintenance and a security factor which represents the cost of maintaining a Security Standard compliant network.

7. Which of the following cost components are not included in Transmission charges paid by generators? And how they are charged?

Losses - Generation users pay 50% of Transmission losses on a £/MWh basis through contract adjustment in the Settlement Code. This is a non locational charge. For 2012/13 this figure is €58.17/MWh.

Primary and Secondary Reserve* - An Energy, £/MWh non-locational tariff for 50% of the costs. (Demand users pay the other 50%). For 2012/13 the combined figure for Primary and Secondary Reserve is €0.38/MWh.

Tertiary Reserve* - An Energy, £/MWh non-locational tariff for 50% of the costs. (Demand users pay the other 50%). For 2012/13 this figure is €0.64/MWh.

Black-Start* - An Energy, £/MWh non-locational tariff for 50% of the costs. (Demand users pay the other 50%). For 2012/13 this figure is €0.04/MWh.

Reactive Power/Voltage Control* - An Energy, £/MWh non-locational tariff for 50% of the costs. (Demand users pay the other 50%). For 2012/13 this figure is €0.13/MWh.

Internal congestion management* - An Energy, £/MWh non-locational tariff for 50% of the costs. (Demand users pay the other 50%). For 2012/13 this figure is €0.33/MWh.

* Recovered through BSUoS charges and as BSUoS is based on actual spend these values are still subject to potential revision pending closure of the settlement process which runs for 14 months after a given date and would pick up any changes arising from disputes.

8. What is the range of Connection charges for generators?

The range of connection charges for a single site is: €0/year - €1,591,770.37/year for 2012/13.