

Christopher Osborne

From: Friedel, Sarah <Sarah.Friedel@uregni.gov.uk>
Sent: 03 December 2010 15:28
To: Christopher Osborne
Subject: RE: Query [Scanned]

Hello Chris

I have put some definitions below. Hope they are helpful – let me know if you need further clarification.

We are looking forward to your response.

Best regards

Sarah

From: Christopher Osborne [mailto:christopher@ufuhq.com]
Sent: 03 December 2010 14:03
To: Friedel, Sarah
Subject: Query [Scanned]

1

Good afternoon Sarah,

Before i start preparing our response to the Consultation on Electricity Connection Policy to the NI Distribution System, i was wondering if you answer a couples of questions for me.

1. What is the definition of “a demand customer”

From the distribution code “A person to whom electrical Energy is provided by means of a direct connection to the Distribution System.” (someone who consumes electricity as opposed to a generator – who is also called a customer when paying for the connection)

2. What is the definitions of a “partially deep connection” and a “semi shallow connection”?

These relate to the amount of infrastructure the connecting party pays for (the deeper the connection, the more assets the connectee funds) Fully deep would mean that a connecting generator would pay for all of the upgrades required to transmit their power across the entire network, while fully shallow would mean that they only pay for the transformers at the gate of their site. Partially deep and semi-shallow are in between these two extreme policies. The more formal definitions are:

Deep Connection Policy

Could be defined as the reinforcement and or connection works required to connect the user to the distribution or transmission system. The works will generally be required to be paid by the user up to and if necessary beyond the bulk supply point or connection node. Under a deep connection policy ongoing use of system charges will be lower due to the user paying having paid for more capital investment.

Shallow Connection Policy

2

Could be defined as the works required to connect to the user to the distribution or transmission system. Reinforcement and or connection works up to the bulk supply point or connection node are paid for, but any work beyond this is included within the regulated asset base of the network owner and funded via use of system tariffs. Under a shallow connection policy ongoing use of system charges will be higher due to the user not having paid for the deep connection works.

Given the above "partially deep" and "semi shallow" connections would fall in between these two definitions.

Many thanks and i look forward to hearing from you.

Chris Osborne

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3

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4