

I certify that this document is a correct copy of the Electricity Information Exchange Protocol 12 incorporated by reference on 26 October 2011 into the Electricity Industry Participation Code 2010 for the purposes of clause 12A.8 and clause 12A.9 of the Code.

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Electricity Information Exchange Protocol 12

Title:	Electricity Information Exchange Protocol 12 - Tariff rate change notification
Application:	This protocol applies when a distributor who does not send accounts for line function services to consumers directly changes its tariff rates, including by introducing or removing 1 or more tariff rates, for consumers who have category 1 metering installations or category 2 metering installations.
Participants:	Trader/Distributor
Code references:	Clause 12A.8 and clause 12A.9
Dependencies:	<p>A distributor's published price plans contain detailed information about the distributor's tariff rates that this protocol does not require the distributor to provide to traders. Accordingly, this protocol must be read in conjunction with the distributor's price plans.</p> <p>The use-of-system agreement between the distributor and the trader may also set out requirements relating to changes to tariff rates that the distributor or the trader must comply with.</p>

Description of when this protocol applies:

1. Except as otherwise agreed by a distributor and the relevant trader, a distributor must comply with this protocol when changing its tariff rates, including by introducing or removing 1 or more tariff rates, for consumers who have category 1 metering installations or category 2 metering installations.
2. A distributor may, but is not required to, comply with this protocol when changing its tariff rates for consumers who have category 3, 4, 5 or 6 metering installations.
3. A trader must comply with this protocol in respect of changes to the tariff rates of a distributor on whose network the trader trades electricity.

Business requirements:

1. The distributor and each trader trading on the distributor's network must agree on the file transport mechanism by which the distributor will provide notification of changes to the tariff rates for consumers on the distributor's network, and the address to which the notification will be sent.
2. The distributor must give a tariff change notification when the distributor changes the tariff rate for consumers on its network who have category 1 or category 2 metering installations.
3. The notification must be given to each trader who sells electricity to such consumers.
4. The notification must be given to a trader as soon as practicable after the distributor notifies the trader of the tariff rate change.
5. The notification must include a full and complete file of all the distributor's published tariffs (not just the tariffs that the distributor is changing) that complies with the attribute specifications and the protocol specifications that are set out in this protocol.

6. If the distributor becomes aware of an error in the file, the distributor must advise the trader of the error as soon as practicable after becoming aware of the error. The trader may request that the distributor provide the trader with a partial or full replacement file. Unless the trader and the distributor agree otherwise, the distributor must provide the trader with a full replacement file.
7. A notification does not need to include capacity or quantity-related information about the tariff rates.
8. A notification that relates to consumers who are charged fixed or variable tariff charges must specify flow direction. However, flow direction does not need to be specified in respect of a notification that relates to consumers who are charged on the basis of GXP pricing.

Data Inputs:

Distributors' published price plans.

Attribute specifications:

Attributes	Format	Mandatory/ optional	XML tag	Comments
Header record type	Char 3	M	<Row Type>	HDR – indicates the row is a header record type
File type	Char 7	M	<File Type>	Pricing Information - PRICE
Sender	Char 4	M	<Sender>	Party code of sender
Sent on behalf of	Char 4	M	<On Behalf of>	Party code of party on whose behalf consumption data is provided
Recipient	Char 4	M	<Recipient>	Party code of recipient
Report run date	DD/MM/YYYY	M	<Run Date>	Date the report is run
Report run time	HH:MM:SS	M	<Run Time>	Time the report is run
File initiator unique identifier	NUM 12	M	<Identifier>	Number that uniquely identifies the report
Number of detail records	NUM 8	M	<Record Count>	Total number of DET records in report

Attributes	Format	Mandatory/ optional	XML tag	Comments
Detail record type	Char 3	M	<Record Type>	DET – indicates the row is a detail record.
Distributor code	Char 4	M	<Distributor code>	Party code of party on whose behalf pricing information is provided.
Start Date	DD/MM/YYYY	M	<Start Date>	The start date of the new tariff rate
End Date	DD/MM/YYYY	O	<End Date>	The end date of the new tariff rate
Registry price category code	Char 7	M	<Pricing Code>	Pricing code identifier as used in the registry.
Fixed / Variable	Char 1	M	<Fxd_Var>	Identifies a data row as either "F" for fixed or "V" for variable
Flow direction	Char 1	M	<Flow>	For flow direction, "I" indicates injection and "X" indicates extraction
Register content code	Char 6	O	<Register Content>	Identifies the meter content of each data row
Hours of availability	Num 2	O	<Register Hours>	The available supply hours for each meter content code
Meter register code	Char 4	O	<Register Code>	Register code used by Distributors
Tariff code	Char 12	M	<Tariff>	The specific tariff code for that load group and meter content code
Unit type	Char 25	O	<unit type>	The type of unit in which data is supplied as per unit of measure type table. If no unit is advised, the unit type is kWh (for variable charges), and days (for fixed charges).
Network price/tariff rate	Num 6.6	M	<Rate>	The specific tariff rate in dollars per unit

Protocol specifications:

1. When giving notification of a change to its tariff rates, a distributor must include with the notification a file that complies with the following specifications:

The file must be a comma delimited text file. Commas must not be used within fields. If portions of a field require separation, a tilde character (~) must be used. If commas need to be used in the fields, quotation marks must be used to exclude them as

separators, as per the DOS CSV format.

2. Matching of file names, code list values, and other information must be case insensitive.
3. The file must contain one header and one or more detail records.
4. The first record of a file must contain header information followed by zero or more detailed lines.
5. The file must have a file name that complies with the following, and must have a name that is unique to the month to which the file relates:

Sender + Utility Type (only "E" must be used) + Recipient + File Type (only "PRICE" must be used) + Report Month + Report Run Date + UniqueID# (e.g. hhmm run time, or ICP but limited to Char(60)) with an extension of .TXT and with the components concatenated using the underscore character, to assist readability.

e.g. TRUS_E_UNET_PRICE_200007_20000802_UniqueID.TXT

[Char4_Char1_Char4_Char7_yyyymm_yyyymmdd_Char60.TXT]

Data outputs:

Completed notification of tariff changes for transmission by the distributor to the trader.

Definitions:

In this protocol, the following definitions apply:

Code means the Electricity Industry Participation Code 2010

day means the measure of time for fixed daily charges

kWh means kilo watt hour energy (real energy).

Unless the context otherwise requires, any term that is defined in the Code and used in this protocol has the same meaning as in the Code.