

# Electricity Information Exchange Protocols (EIEP)

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## EIEP12: Delivery price change notification Regulated

Effective from 1 October 2019



## Version control

Version	Date amended	EIEP Ref	Comments
10.1 draft	30 June 2017	EIEP12	<p>Amendments include:</p> <p>Terminology alignment with ENA pricing guidelines and preferences agreed with ENA</p> <p>Improvements to add clarity and consistency to content.</p> <p>Business requirement added to mandate register content code and period of availability for all ICP based volume delivery prices</p> <p>Business requirement added to ensure context for M, O and C</p> <p>Meter register code (register code used by distributors) deleted, replaced with Spare</p> <p>Corrections to content where appropriate, for example:</p> <ul style="list-style-type: none"> <li>file is an obligation on distributor not trader</li> </ul>
11	2 October 2018	EIEP12	<p>Amendments include:</p> <p>Improvements to add further clarity and consistency following submissions received in response to the 4 August 2017 consultation paper and the Authority's responses and decisions set out in the decision paper.</p> <p>Delete register content code and period of availability fields</p> <p>Delete meter register code (register code used by distributors) field</p>

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# 1 EIEP12: Delivery price change notification

<b>Title:</b>	<b>EIEP 12: Delivery price change notification</b>
<b>Version:</b>	11
<b>Application:</b>	This protocol applies when a distributor, who does not send accounts for network services to consumers directly, notifies traders of changes to its delivery prices, including by introducing or removing 1 or more delivery prices, for ICPs which have category 1 or 2 metering installations. Distributors are also required to provide EIEP12 to the Authority.
<b>Participants:</b>	Trader/Distributor
<b>Code reference:</b>	Clause 12A.14 and 12A.16 (from December 2013)
<b>Dependencies:</b>	A distributor's published delivery price schedule (and associated notes and/or pricing policy, as applicable) contain detailed information about the distributor's delivery prices that this protocol does not include. Accordingly, this protocol must be read in conjunction with the distributor's published delivery price schedule (and associated notes and/or pricing policy, as applicable).  The use-of-system agreement between the distributor and the trader may also set out requirements relating to changes to delivery prices that the distributor or the trader must comply with.

<b>Description of when this protocol applies</b>
<ol style="list-style-type: none"> <li>1. Except as otherwise agreed by a distributor and the relevant trader, a distributor must comply with this protocol when notifying changes to its delivery prices, including by introducing or removing 1 or more delivery prices, for ICPs which have category 1 or 2 metering installations.</li> <li>2. A distributor may, but is not required to, use this protocol when changing its delivery prices for consumers who have category 3, 4, 5 or 6 metering installations.</li> </ol>
<b>Business requirements</b>
<ol style="list-style-type: none"> <li>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 a delivery price change notification compliant with this EIEP12 to the trader, and the address to which the notification will be sent.</li> <li>2. The distributor must give a delivery price change notification when the distributor changes the delivery prices for ICPs on its network which have category 1 or 2 metering installations.</li> <li>3. The notification must be given to each trader who sells electricity to such consumers.</li> <li>4. The notification must be given to a trader as soon as practicable after the distributor notifies the trader of a change to its delivery price schedule.</li> <li>5. The notification must include a full and complete file of all the distributor's published delivery prices (not just the delivery prices that the distributor is changing) that complies with the attribute specifications and the protocol specifications that are set out in this protocol.</li> <li>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</li> </ol>

Business requirements
<p>agree otherwise, the distributor must provide the trader with a full replacement file.</p> <p>7. A notification does not need to include capacity or quantity-related information about the delivery prices.</p> <p>8. A notification that relates to consumers who are charged fixed or variable delivery prices 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.</p> <p>9. All information in the EIEP12 file must be consistent with the distributor's published delivery price schedule and any other pricing information provided to traders, including the number of decimal places used for delivery prices.</p> <p>10. The version used must be the current regulated version, unless agreed otherwise by the distributor and trader.</p> <p>11. Information is to be provided in accordance with the following status codes unless otherwise specified:</p> <ul style="list-style-type: none"> <li>O Optional</li> <li>M Mandatory</li> <li>C Conditional - Mandatory if available, otherwise Null (also refer to validation rules)</li> </ul>

Data inputs
Distributor's published delivery prices.

Event data	Format	Distributor to Trader: Mandatory/ Optional/ Conditional	Validation rules
<i>Header record type</i>	Char 3	M	HDR – indicates the row is a header record type
<i>File type</i>	Char 7	M	Pricing Information - PRICE
<i>Version of EIEP</i>	Num 3.1	M	Version of EIEP that is being used for this file.
<i>Sender</i>	Char 20	M	Name of sending party. Participant identifier to be used if the sender is a participant.
<i>Sent on behalf of party identifier</i>	Char 4	M	Participant identifier of party on whose behalf data is provided.
<i>Report run date</i>	DD/MM/YY YY	M	Date the report is run
<i>Report run time</i>	HH:MM:SS	M	Time the report is run
<i>Unique file identifier</i>	Char 15	M	Reference that uniquely identifies the file.
<i>Number of detail records</i>	Num 8	M	Total number of DET records in report

<b>Event data</b>	<b>Format</b>	<b>Distributor to Trader: Mandatory/ Optional/ Conditional</b>	<b>Validation rules</b>
<i>Detail record type</i>	Char 3	M	DET – indicates the row is a detail record.
<i>Distributor participant identifier</i>	Char 4	M	Party code of party on whose behalf pricing information is provided.
<i>Start date</i>	DD/MM/YY YY	M	The start date of the new tariff rate
<i>End date</i>	DD/MM/YY YY	O	The end date of the new tariff rate
<i>Price category code</i>	Char 7	M	Network price category code as used in the registry to identify the set of delivery prices in the distributor's published delivery price schedule that are valid for the ICP.
<i>Fixed/Variable</i>	Char 1	M	Identifies a data row as either "F" for fixed or "V" for variable
<i>Energy flow direction</i>	Char 1	M	An identifier of whether the channel records the import (injection from the ICP into the Network) ("I"), or the export (extraction from the Network to the ICP) ("X").
<i>Register content code</i>	Char 6	O	Identifies the meter content of each data row
<i>Period of availability</i>	Num 2	O	The available hours for each meter content code
<i>Network price component code</i>	Char 12	M	Network price component code for each fixed and variable delivery price
<i>Unit of measure</i>	Char 25	M	The type of unit applicable to each fixed and variable delivery price (examples are provided in table 1)
<i>Delivery price</i>	Num 12.6	M	The fixed or variable delivery price, expressed in \$ excl GST and before any prompt payment discount
<i>Pricing methodology</i>	Char 3	C	'ICP' if variable delivery price ICP based, 'GXP' if variable delivery price is GXP based, otherwise Null

<b>Protocol specifications</b>
<p>1. When giving notification of a change to its delivery prices, a distributor must include with the notification an EIEP12 file that complies with the following specifications:</p> <p>(a) 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</p>

**Protocol specifications**

the fields, quotation marks must be used to exclude them as separators, as per the DOS CSV format.

- (b) Matching of file names, code list values, and other information must be case insensitive.
- (c) The file must contain one header and one or more detail records.
- (d) The first record of a file must contain header information followed by zero or more detailed lines.
- (e) 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 delivery price changes in the EIEP12 format for transmission to traders.

## 2 Table of codes used in EIEP12

### 2.1 Table 1 Unit of measure

Unit	Description
\$/kWh	Used for volume delivery prices based on metered consumption in kilowatt hours (real energy)
\$/kW/day	Used for network peak demand, customer peak demand, or capacity delivery prices based on metered kilowatt demand (real power)
\$/kVA/day	Used for fixed daily capacity delivery prices based on fused capacity or transformer nameplate in kilovolt ampere (apparent power)
\$/kVAr/day	Used for power factor delivery prices based on metered kilovolt ampere reactive demand (reactive power)
\$/kVA-km/day	Used for fixed daily capacity delivery prices that include a distance element, expressed in kilovolt ampere multiplied by kilometres
\$/con/day or \$/ICP/day or \$/day	Used for fixed daily delivery prices per connection (con) or per ICP
\$/[dedicated equipment]/day	Used for fixed daily prices for specific dedicated equipment (e.g. transformers)
\$/fixture/day or \$/fitting/day	Used for per fixture (or per fitting) delivery prices associated with streetlighting
Note: This list is not exhaustive, alternative units of measure and descriptions may be used if contained in distributor's delivery price schedule.	