

EIEP8

Notification of Network Price Category and Tariff
Change version 7.0

Protocol and Guideline

Version control

Version history

This document replaces all previous versions (Inclusive of format, protocol and examples)

Version	Date	Issue description
V1.0		Initial release
V2.0	April 2004	
V3.0	1 November 2005	Draft for review
V4.0	30/31 May 2006	Draft for approval by Electricity Commission Board
V5.0	8 June 2006	Electricity Commission Board approved
V6.0	6 Oct 2008	Formatted into the Electricity Commission's current style
V7.0	10 Dec 2008	Update to section 3.3: Register detail

Change history

Version	Date	Changes
V2.0	April 2004	Contains consistency changes
V3.0	1 November 2005	Split format and guide into new structure Changes to format as per DRIEPS Survey Review Draft for review
V4.0	30/31 May 2006	Draft for Electricity Commission Board approval
V5.0	8 June 2006	Electricity Commission Board approved
V6.0	6 Oct 2008	Formatted into the Electricity Commission's current style
V7.0	10 Dec 2008	Update to section 3.3: Register detail: <ul style="list-style-type: none"> • Register number field: Rule column updated to say 'Number of this register'. 'Can be null' removed. • Register content – description field: CHAR updated to '4' to align with the master table in

		<p>the registry. Rule column updated, 'Can be null' removed.</p> <ul style="list-style-type: none"> Register content - period of availability: Rule column updated, 'Can be null' removed.
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Related documents

Document	Type	Description
Principles of the data format and reports catalogue	Guide	Overarching guide to use of Data Format Catalogue and General principles for use of Electricity Information Exchange Protocols
Data format and reports catalogue (DFRC)	List	Listing of all currently available formats and association between documents

Contents

Version control	A
Version history	A
Change history	A
Related documents	B
1. Purpose	1
2. Operation of protocol	1
2.1 File transport mechanism	1
2.2 Field delimiters	1
2.3 Case sensitivity	1
3. File format for EIEP8: notification of network price category and tariff change	2
3.1 Premise detail	2
3.2 Fixed charge detail	3
3.3 Register detail	3

1. Purpose

- 1.1.1 The purpose of this file is for retailers and distributors to notify each other when load group and tariff changes occur in accordance with the agreements they have with each other.
- 1.1.2 Ideally it is intended that all detail records at an ICP will be sent even if only one component has changed. This is to ensure completeness of records at each ICP. However in some cases it may appropriate to update at premise detail (P) level (eg for a change to the low user option) and therefore a file type of P would be adequate. It is not intended that this file will be used to record physical changes at an ICP. These will be covered by other protocols.

2. Operation of protocol

2.1 File transport mechanism

- 2.1.1 Two file transport mechanisms are available for the transfer of data:
- (a) Manual (via email) to a nominated email address; and
 - (b) Electronic (via file transfer protocol (FTP)) to a specified FTP inbox.
- 2.1.2 The actual mechanism used and destination address is to be configurable at file type level as agreed between the parties. In the case of FTP a security mechanism will be necessary to protect confidentiality. The ability to retrieve files from a remote FTP outbox is not part of this definition.

2.2 Field delimiters

- 2.2.1 The information is to be provided as a comma delimited text file. Commas are therefore prohibited within fields. Where portions of a field require separation, a tilde character (~) should be used. If commas are present in the fields, use quotation marks to exclude them as separators, as per the DOS CSV format.
- 2.2.2 The file format area in this document includes XML tags to enable the move to XML format as and when participants have the capacity to do so. (the XML schema will be published with the file format document when it is defined).

2.3 Case sensitivity

- 2.3.1 Matching of file names, code list values, etc, is to be case insensitive.

3. File format for EIEP8: notification of network price category and tariff change

Data content and format

Each data file will contain one header record and one or many detail records.

Description	Type	XML Tag	Rule	Example
Header record type	Char (3)	<RowType>	HDR – indicates the row is a header record type	HDR
File type	Char (7)	<FileType>	Installation Status Change - STCHG	STCHG
Sender	Char (4)	<Sender>	Party code of sender	TRUS
Recipient	Char (4)	<Recipient>	Party code of recipient	UNET
Report run date	DD/MM/YYYY	<RunDate>	Date the report is run	02/08/2000
Report run time	HH:MM:SS	<RunTime>	Time the report is run	17:32:02
File initiator unique identifier	Num(12)	<Identifier>	Number that uniquely identifies the report. Can be Null	123487653456
Number of detail records	Num (8)	<RecordCount >	Total number of DET records in report	4

3.1 Premise detail

Description	Type	XML Tag	Rule	Example
Detail record type	Char (3)	<RecordType>	DET – indicates the row is a detail record.	DET
Detail type	Char (1)	<DetailType>	Valid value: (P)remises	P
ICP	Char (15)	<ICP>		0000075285CE D69
Pricing code	Char (12)	<PriceCode>	Network price code/price category	DUNEGESD15
Effective date	DD/MM/YY YY	<PremiseDate >		01/08/2002

Description	Type	XML Tag	Rule	Example
Network fuse size	Num (4)	<FuseSize>	Size of fuse in Amps if known. Can be null.	60
Meter count	Int (2)	<MeterCount>	Can be null.	2
Register count	Int (3)	<RegisterCount>	Can be null.	2

3.2 Fixed charge detail

Description	Type	XML Tag	Rule	Example
Detail record type	Char (3)	<RecordType>	DET – indicates the row is a detail record.	DET
Record type	Char (1)	<DetailType>	Valid value: (F)ixed Charge. Can be null.	F
ICP	Char (15)	<ICP>	Can be null if no F detail sent	0000075285CED69
Fixed charge	Char (12)	<FixedCharge>	Can be null	CEL1SFC
Effective date	DD/MM/YYYY	<FixedDate>	Can be null	01/08/2002
Chargeable capacity	Int (8)	<Capacity>	Can be null	30

3.3 Register detail

Description	Type	XML Tag	Rule	Example
Detail record type	Char (3)	<RecordType>	DET – indicates the row is a detail record.	DET
Detail type	Char (1)	<DetailType>	Valid value: (R)egister Can be null.	R
ICP	Char (15)	<ICP>	Can be null if no R detail sent	0000075285CED69

Description	Type	XML Tag	Rule	Example
Meter number	Char (12)	<MeterNo>	Should where possible be the actual serial number on the meter. Can be null	CE24592376
Register number	Int (8)	<RegisterNo>	<u>Number of this register</u> Can be null	1
Register content - <u>description</u>	Char (42)	<RegisterContent>	<u>Code that describes the functionality of the meter register.</u> Same as in EGR switching protocols. Can be null	CN
Register hours available <u>Register content - period of availability</u>	Num (2)	<RegisterHours>	<u>Code that describes the availability of electricity.</u> Same as in EGR switching protocols. Can be null	17
Tariff	Char (12)	<Tariff>	Can be null for retailer to distributor	CEL1SGP
Effective date	DD/MM/YY YY	<RegisterDate>		01/08/2002