

EIEP7

General Installation Status Change version 6.0

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

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 approval by Electricity Commission Board
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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

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1. Purpose

- 1.1.1 This file is to be used by distributors and retailers to provide information on the change in connection status at installations (e.g. disconnections and reconnections) and also provide detail as to the nature of the status change (e.g. disconnected at meter, pole fuse, etc).
- 1.1.2 Either party may effect the change in installation status dependent on the agreements between them. Codes to be used allow this file to provide pre-notification or post-notification (as required) of changes performed by either party. For example, some distributors take fault calls from customers and therefore prior notification of credit disconnects would be advantageous. The file can also be used to provide information to meter owners (including for example, customer switches, where the meter owner does not have access to the registry).

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. Supplementary information

3.1 Pre-notification disconnection and reconnection codes

Status change code	Description
EEC	Pre-Notification of a Credit Disconnect
EEV	Pre-Notification of a Vacant Disconnect
EEP	Pre-Notification of a Permanent Disconnect
EES	Pre-Notification of a Safety Disconnect
EER	Pre-notification of a reconnection

3.2 Post-notification - disconnection codes

Status change code	Description
ECM	Electricity Credit Disconnect at Meter
ECF	Electricity Credit Disconnect Pole Fuse Removed
ECP	Electricity Credit Disconnect Pillar Fuse Removed
ESM	Electricity Safety Disconnect at Meter
ESF	Electricity Safety Disconnect Pole Fuse Removed
ESP	Electricity Safety Disconnect Pillar Fuse Removed
EVM	Electricity Vacant Disconnect at Meter
EVF	Electricity Vacant Disconnect Pole Fuse Removed
EVP	Electricity Vacant Disconnect Pillar Fuse Removed
EPS	Electricity Permanent Disconnect

3.3 Post-notification – reconnection codes

Status change code	Description
DEB	Electricity Reconnect from Credit Disconnect
VAI	Electricity Reconnect from Vacant Disconnect
SAF	Electricity Reconnect from Safety Disconnect

3.4 Other status change codes

Status change code	Description
EDE	Electricity Decommissioned
EDA	Electricity Decommissioned – Amalgamated *
SWI	Retailer customer Switch In to Installation
SWO	Retailer customer Switch Out of Installation

3.4.1 Notes:

- (a) * Electricity Decommissioned Amalgamated is used in cases where two ICPs have been amalgamated or consolidated into one with the ICP that is no longer required assigned as EDA.
- (b) EPS status is used to notify a distributor that preparation for a permanent disconnect has been carried out (typically the fuse and meter have been removed). The distributor can then remove the service line or other network assets and decommission the site on the registry.

4. File format for EIEP7: general installation status 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	479808981234
Number of detail records	Num (8)	<RecordCount >	Total number of DET records in report	4

Description	Type	XML Tag	Rule	Example
Detail record type	Char (3)	<RecordType>	DET – indicates the row is a detail record.	DET
ICP	Char (15)	<ICP>	ICP 15 character unique identifier	0123456789XX CCC
Status change code	Char (3)	<StatusCode>	See PG document	EVF
Status change date	DD/MM/YY YY	<StatusDate>	Date of change of installation status	15/07/2000
Status change time	HH:MM	<StatusTime>	Time of change in installation status. Can be null	17:00

Description	Type	XML Tag	Rule	Example
Sender ID reference number	Char (15)	<ReferenceID>	Service Request (SR) Number	23645