

# EIEP2

Non Half Hour Summary Consumption Information  
Protocol, Guideline and File Format version 6.0

## 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 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

### 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
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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 report provides for summary consumption information by price/tariff code by grid exit point (GXP). This file is a summary of the EIEP1 format and should match the total days, kWh, and dollars by GXP-tariff.
- 1.1.2 The consumption information reports are intended to be used by:
- (a) Retailers to provide information to distributors to support invoicing of fixed and variable line charges; and
  - (b) Distributors to provide information to retailers to support their invoice and reconciliation of line charges.
- 1.1.3 The retailer to distributor file formats provide for both 'as billed' and normalised consumption information, to be provided as appropriate to the distributor's pricing methodology and associated charging basis. The basis of these reports is outlined in more detail below.

## **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 of 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 format document when it is defined).

## **2.3 Case sensitivity**

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

### 3. File format for EIEP2: summary consumption information

#### 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>	If ' <b>as billed</b> ' consumption then SUMMMAB, SUMHHAB (half hour) if " <b>normalised</b> " then SUMMMNM ('as billed' Method)	SUMMMAB
Sender	Char (4)	<Sender>	Party code of sender	TRUS
Sent on behalf of	Char (4)	<OnBehalfOf>	Party code of party on whose behalf consumption data is provided	TRUS
Recipient	Char 4	<Recipient>	Party code of recipient	UNET
Report run date	DD/MM/YYYY Y	<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	123267898767
Number of detail records	Num (8)	<RecordCount >	Total number of DET records in report	4
Report period start date	DD/MM/YYYY Y	<ReportStartDate>	Report run start date (inclusive)	01/07/2000
Report period end date	DD/MM/YYYY Y	<ReportEndDate>	Report run end date (inclusive)	31/07/2000

Report month	YYYYMM	<ReportMonth> >	Month the report is run for	200007
Utility type	Char (1)	<Utility>	G (Gas) or E (Electricity)	E
File status	Char (1)	<FileStatus>	I (Initial) or R (Replacement) or X (Partial Replacement)	I

Description	Type	XML tag	Rule	Example
Detail record type	Char (3)	<RecordType>	DET – indicates the row is a detail record.	DET
Busname	Char (8)	<BusName>	Name of bus on which ICP is connected for the report period.	ALB0331
Distributor ID	Char (4)	<Distributor>	Party code of distributor	UNET
Network price/tariff code	Char (25)	<TariffCode>	Network price/tariff code published by distributor	S1V-004
Network price/tariff rate	Num (6.5)	<TariffPrice>	Fixed daily rate or variable per unit rate (\$ excl GST and net of prompt payment discount)	0.0457
Fixed/Variable	Char (1)	<FixedVariable>	F (Fixed) or V (Variable) relates to figure above.	V
Number in category	Num (4)	<CountOfICP>	Count of ICPs in category	275
Chargeable days	Int (4)	<ChargeableDays> >	Number of days between Start date and End date (both dates inclusive)	546
Chargeable capacity days	Num (8.1)	<CapacityDays>	If applicable to the price, sum of chargeable kVA-days for ICPs in category. Can be Null	2989

<b>Description</b>	<b>Type</b>	<b>XML tag</b>	<b>Rule</b>	<b>Example</b>
Spare		N/A	Empty	
Consumption	Num(10)	<Consumption>	Sum of KWh for ICPs in category	935648
Network charge \$	Num (7.2)	<NetworkCharge>	\$ excl GST and net of prompt payment discount	5641.94
Report month	YYYYMM	<ReportMonth>	Month the report is run for	200007