

24 JUNE 2015

# HOW EIEPs, RM AND REGISTRY FILES CONNECT

DISTRIBUTOR WORKSHOP

# RECONCILIATION MANAGER

Access to the RM portal

<https://www.electricityreconciliation.co.nz/account/login>

Reports available

**RMS Reconciliation** Downloads

Peter Smith (NPOW) | 11 Jun 2015 10:48 | Preferences | Help | Logout

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**Search for Downloads**

Reconciliation Period:  Date Generated:  to

Submission Type:  File Status:

Search 479 Results | Show  per page

File Name	Type	File Status	Date/Time
NZRM_E_NPOW_UFESUMM_200804_20080508_104418.csv.gz	GR-120	Ready	08 May 2008 10:44
NZRM_E_NPOW_UFESUMM_200710_20080527_194533.csv.gz	GR-120	Ready	27 May 2008 19:45
NZRM_E_NPOW_UFESUMM_200802_20080528_133647.csv.gz	GR-120	Ready	28 May 2008 13:36
NZRM_E_NPOW_UFESUMM_200703_20080528_183744.csv.gz	GR-120	Ready	28 May 2008 18:37
NZRM_E_NPOW_UFESUMM_200804_20080529_132606.csv.gz	GR-120	Ready	29 May 2008 13:28
NZRM_E_NPOW_UFESUMM_200805_20080611_003401.csv.gz	GR-120	Ready	11 Jun 2008 00:34
NZRM_E_NPOW_UFESUMM_200802_20080611_114607.csv.gz	GR-120	Ready	11 Jun 2008 11:46
NZRM_E_NPOW_UFESUMM_200703_20080611_163648.csv.gz	GR-120	Ready	11 Jun 2008 16:36
NZRM_E_NPOW_UFESUMM_200710_20080611_193422.csv.gz	GR-120	Ready	11 Jun 2008 19:34
NZRM_E_NPOW_UFESUMM_200805_20080617_234147.csv.gz	GR-120	Ready	17 Jun 2008 23:41
NZRM_E_NPOW_UFESUMM_200704_20080622_190426.csv.gz	GR-120	Ready	22 Jun 2008 19:04
NZRM_E_NPOW_UFESUMM_200711_20080623_101910.csv.gz	GR-120	Ready	23 Jun 2008 10:19
NZRM_E_NPOW_UFESUMM_200803_20080623_132245.csv.gz	GR-120	Ready	23 Jun 2008 13:22
NZRM_E_NPOW_UFESUMM_200805_20080626_162029.csv.gz	GR-120	Ready	26 Jun 2008 16:20
NZRM_E_NPOW_UFESUMM_200806_20080707_183908.csv.gz	GR-120	Ready	07 Jul 2008 18:39
NZRM_E_NPOW_UFESUMM_200705_20080725_174839.csv.gz	GR-120	Ready	25 Jul 2008 17:48
NZRM_E_NPOW_UFESUMM_200712_20080728_131044.csv.gz	GR-120	Ready	28 Jul 2008 13:10
NZRM_E_NPOW_UFESUMM_200804_20080728_165507.csv.gz	GR-120	Ready	28 Jul 2008 16:55
NZRM_E_NPOW_UFESUMM_200806_20080729_101016.csv.gz	GR-120	Ready	29 Jul 2008 10:10
NZRM_E_NPOW_UFESUMM_200806_20080806_223251.csv.gz	GR-120	Ready	06 Aug 2008 22:32

Page: 1 2 3 ... 24

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# RECONCILIATION MANAGER

## Reports available

GR-010 Reconciliation data	Files Empty
GR-020 Profile shape data	Files Empty
GR-040 Balanced NHH and HHR data	Files Empty
GR-050 Summary of traded kWhs	Monthly Volumes for your Network
GR-120 Unaccounted for electricity	Summary of monthly UFE factors - Useful to assess need for LF change and Balancing areas
GR-130 Electricity supplied/submitted comparison	Compares Retailer purchases and retailer Billing
GR-140 Missing HHR ICP's summary	
GR-150 ICP days comparison summary	
GR-160 Purchasers' average NHH kWh	
GR-170 Purchasers' submission accuracy	
GR-250 Distributor Report – Electricity Traded	get better definition/comments from Ron
GR-260 Distributor Report – Electricity Submitted	
GR-270 Distributor Report – Electricity Supplied	Volumes for your network BY HHR

# RM DISTRIBUTOR REPORTS AVAILABLE

- GR-050 Report summary of traded kWhs
  - This is loss-adjusted half-hour generation information, and ICP days scaled loss-adjusted UFE inclusive balanced generation and consumption information output.
  - It is the monthly total kWh output of the reconciliation managers systems aggregated by *Trader participant identifier/ Loss category code/Flow direction/Consumption period*

# RM DISTRIBUTOR REPORTS AVAILABLE

- GR-250 Distributor Report – Electricity traded
  - This is loss-adjusted half-hour generation information, and ICP days scaled loss-adjusted UFE inclusive balanced half-hour consumption information output.
  - It is the trading period (1...46/48/50) kWh output of the reconciliation managers systems aggregated by

*POC/Network identifier/Reconciliation type/trader participant identifier/profile code/loss category code/flow direction/dedicated NSP/trading date*

# RM DISTRIBUTOR REPORTS AVAILABLE

- GR-260 Distributor Report – Electricity Submitted
  - Summarises the HHR and NHH consumption submission files that are the input to the reconciliation managers system – as monthly totals - *no adjustments or scaling*
  - It is the monthly kWh input of the reconciliation managers systems aggregated by  
*Consumption period/Revision cycle/POC/Network ID/Participant code/Metering type/Trading date*

# RM DISTRIBUTOR REPORTS AVAILABLE

- GR-270 Distributor Report – Electricity Supplied
  - This is information that must include metered and unmetered, billed, unbilled and vacant consumption, determined from the traders financial system and not its reconciliation engine
  - Summarises the electricity supplied files by NSP, trader participant identifier – all info is monthly totals

*Consumption period/Revision cycle/POC/Network ID/trader participant identifier*

# RM FILES COMPARED TO EIEPS

- Provided that normalised billing methodology has been used, and flow directions are taken into account, the following should apply to kWh volumes

$$\text{EIEP1}_x + \text{EIEP3}_x \simeq \text{GR-260}$$

$$\text{EIEP1}_x + \text{EIEP3}_x \simeq \text{GR-050}_x$$

$$\text{EIEP1}_i + \text{EIEP3}_i \simeq \text{GR-050}_i$$

GR-260  $\simeq$  GR-270 over a 14 month rolling period expect maybe a 2% difference

$$\text{GR270}_{\text{LA}} + \text{UFE} \simeq \text{GR-250}$$

- Where “ $x$ ” = consumption and “ $i$ ” = generation



# REGISTRY FILES COMPARED TO EIEPS

- Register content codes \* and period of availability per ICP in PR-030 = register content codes and period of availability in EIEP1
  - Register content codes \* and period of availability in PR-030 per ICP should match pricing schedule tariff requirements
  - If tariffs are industry type specific, the ANZSIC code in PR-010 or PR-030 should match the requirements of the tariff schedule
- \* except where a trader sums half-hour meter readings (absolute data) into time blocked periods for consumer invoicing*