

24 JUNE 2015 HOW EIEPs, RM AND REGISTRY FILES CONNECT

DISTRIBUTOR WORKSHOP

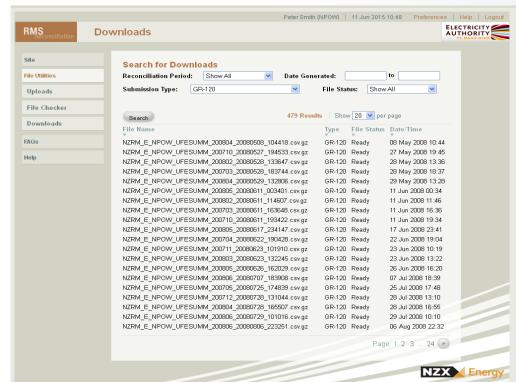


RECONCILIATION MANAGER

Access to the RM portal

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

Reports available





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



- 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



- 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



- 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



- 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

$$EIEP1_X + EIEP3_X \sim GR-260$$

$$EIEP1_X + EIEP3_X \simeq GR-050_X$$

$$EIEP1_1 + EIEP3_1 \simeq GR-050_1$$

GR-260 ~ GR-270 over a 14 month rolling period expect maybe a 2% difference

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