



Transition Plan

Synchronisation of Victorian Heating Value Zones

Effective 1 May 2024



Prepared by: AEMO for the GRCF

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Approved for distribution and use by:

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Contents

Contents	2
Version release details	2
Reference Documents	3
1. Introduction	4
1.1. Purpose and scope	4
1.2. Background	4
1.3. Potential CTM changes	4
2. Transition Process	5
3. VIC HVZ Synchronisation Extract: File Structure & Format	7

Version release details

Version	Date	Summary of changes
V1.00	24th October 2023	Approved Version for Release to GRCF
V2.00	29 th January 2024	<p>Updated with feedback from GRCF and AEMO including:</p> <ul style="list-style-type: none"> - Updated Cover Sheet 'Effective Date' to 'Transition Commencement Date' - Included new 'Reference Documents' section - Section 1 <ul style="list-style-type: none"> o Inclusion of Section 1.3 to allow for potential future CTM changes during transition period - Section 2 <ul style="list-style-type: none"> o Process Map: Minor comment edit in Process Map as per update made in Step 7 in Section 2.1.2 o Step 1: Inserted clarification of timings referencing delivery of MIBB reports o Step 3: Inserted statement identifying Distribution Business consent for AEMO to disclose the information in the extract to FRO's in accordance with this Transition Plan o Step 5: Minor updates to clarify FRO's will only receive their FRO files, and AEMO isn't editing any content received in the DB VIC HVZ extract file o Step 5: Updated Timing from 16th April to 16th - 17th April o Step 6: Updated Timing from 17th April to 18th April o Step 7: Minor clarification to description providing reference to FRO Transfers and FROs raising NMI Discovery Transactions after 1st May 2024 o Step 8: Insertion of AEMO Email address for FRO Technical File Format issues - Section 3 <ul style="list-style-type: none"> o Updated Section 3.1.2 with the following: <ul style="list-style-type: none"> ▪ Supply_Point_Code 'Format' from 'Integer' to 'Char' ▪ New_Heating_Value_Zone 'CSV Data Element Description' updated to include reference to ID and 'Format' from 'Alphanumeric' to 'Integer' ▪ Extract Date 'Format' from 'DD/MM/YYYY' to 'YYYY/MM/DD'

Version	Date	Summary of changes
		<ul style="list-style-type: none"> ▪ FRO_Participant_ID 'Format' from 'String' to 'Alphanumeric' and 'Length' from '8' to '14' (to align to Hub/GBOID for Vic Gas) ▪ DB_Participant_ID 'Format' from 'String' to 'Alphanumeric' and 'Length' from '8' to '14' (to align to Hub/GBOID for Vic Gas)
3.0	20 th March 2024	Updated: <ul style="list-style-type: none"> • Section 1.3 Potential CTM Changes as there are no known CTM changes within Vic HVZ Transition period.
3.1	27 th March 2024	Updated: <ul style="list-style-type: none"> • Section 2.1.1 Process Flow: <ul style="list-style-type: none"> ○ Minor update at Step 4 to include 'Process' • Section 2.1.2 Process Steps <ul style="list-style-type: none"> ○ Step 3: Minor update to wording to accurately describe content of VIC HVZ production database extract applicable As At 15th April 2024 ○ Step 4: Minor update to include 'Process' • Section 3.1.2 File Format: <ul style="list-style-type: none"> ○ New 'Supply Point Code' Allowed Value = 'O' (Other) inserted to allow for scenario where a meter maybe installed in the future excluding Registered MIRNs

Reference Documents

Document Name	Link
DWGM Technical Specification	https://www.aemo.com.au/-/media/files/market-it-systems/dwgm-technical-specification.pdf?la=en

1. Introduction

1.1. Purpose and scope

This document provides a Transition Plan and Process to enable a ‘once-off’ process to enable synchronisation of the new Victorian Heating Value Zones (HVZ) between Distribution businesses, Financially Responsible Organisation¹ (FRO) and AEMO.

1.2. This document is developed by the AEMO to facilitate a smooth transition to the new HVZ obligations as Background

AEMO received a letter from Victorian Minister Hon Lily D’Ambrosio (the Minister) requesting the Victorian Retail Market Procedures (RMP) be amended to implement zonal heating values (ZHV) for Tariff V² consumers and that these changes need to take effect before the Hydrogen Park Murray Valley project³ commences operation.

Currently, Tariff V consumers have a single state-wide Heating Value (HV) applied as a component of the energy calculation formula across the state of Victoria.

For Tariff D⁴ consumers, AEMO currently applies a postcode based zonal heating value methodology limited to approximately 34 heating value zones.

The current Tariff D approach does not provide the necessary accuracy required and is not considered suitable for expansion to Tariff V consumers.

The new heating zones will be applied to both Tariff D and Tariff V consumers.

The effective date of all new Vic HVZ values is 1st May 2024 . Transitioning to the new Vic HVZ values must occur prior in preparation for DB and Retailer system delivery/processing of MDN files calculated using the new Vic HVZ values on and after the 1st May 2024.

1.3. Potential CTM changes during VIC HVZ Transition Period

There are no known CTM changes within Vic HVZ Transition period.

¹ FRO means, in relation to a supply point, the person identified in the metering register as the Market Participant responsible, at the relevant time, for settling the account relating to that supply point. For the avoidance of doubt, in the retail market, a Market Participant is a Retailer or a Market Participant-other.

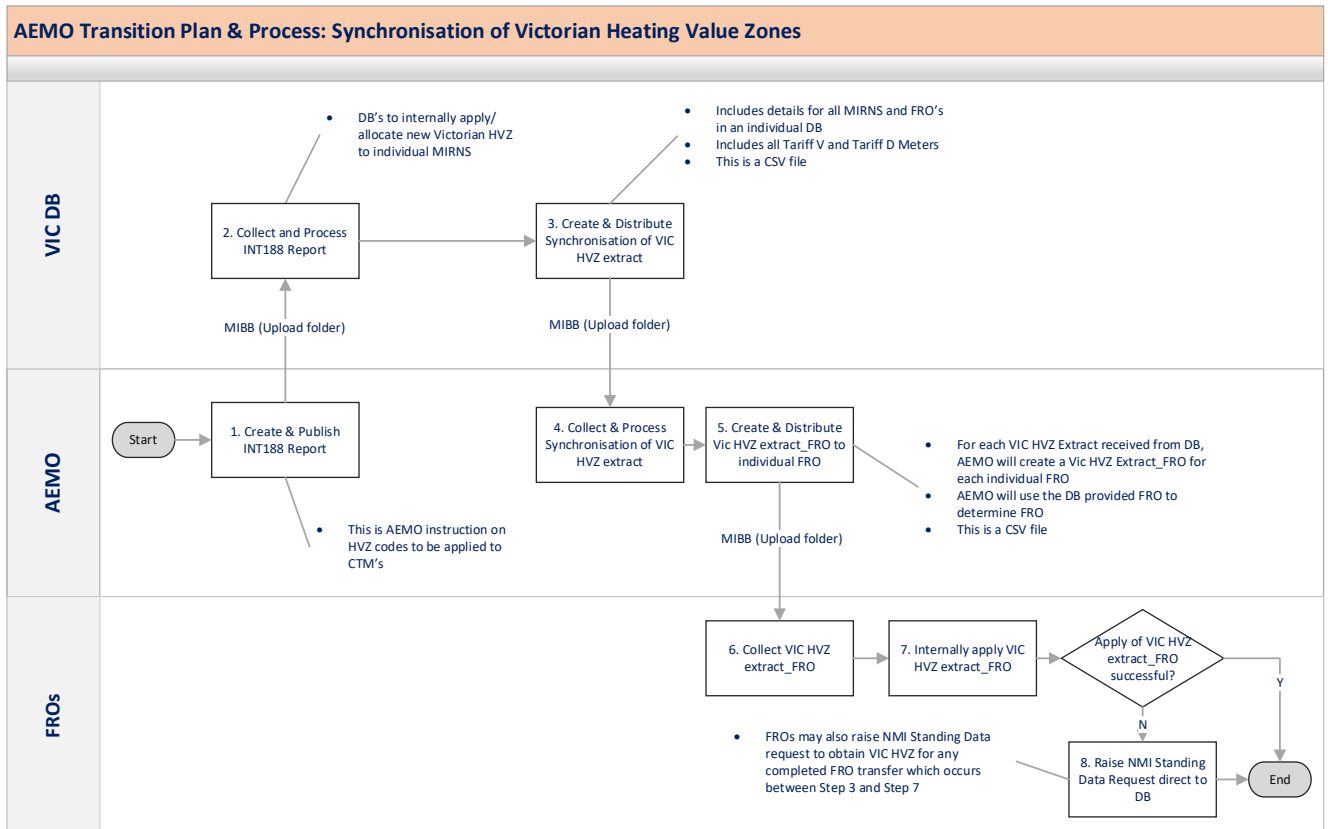
² Tariff V - sites consuming less than 10,000GJ per annum. Distribution Businesses are the responsible party to convert the measured volume into an energy reading (consumed energy) for these sites. These are basic meter distribution supply points.

³ AGIG’s website, on 25 August 2023, stated that Production from the Hydrogen Park Murray Valley Facility is expected to commence in early 2025. See <https://www.agig.com.au/hydrogen-park-murray-valley>

⁴ Tariff D – sites consuming 10,000GJ or more per annum. AEMO is the responsible party to convert the measured volume into an energy reading (consumed energy). These are interval metered distribution supply points.

2. Transition Process

2.1.1. Process Flow



2.1.2. Process Steps

Step #	Step Description	Responsible Person	Timings
Step 1	<ul style="list-style-type: none"> This is the AEMO instruction on HVZ codes based on CTMs that are to be used in allocating the revised Heating Value Zone IDs to individual MIRNS in a DBs database AEMO will publish the INT188 Report on the AEMO web site: <ul style="list-style-type: none"> PreProduction: vicgas.preprod.marketnet.net.au - /Public_Dir/ Production: vicgas.prod.marketnet.net.au - /Public_Dir/ 	AEMO	<ul style="list-style-type: none"> Pre_production completed on the 1st November 2023 Production release : 1st May 2024 MIBB Report Outputs: 2nd May 2024 for Gas Day 1st May 2024 <p>Note: For details relating to publication dates and details for each MIBB report, refer to DWGM Technical Specification.</p>
Step 2	<ul style="list-style-type: none"> DB's to internally apply/allocate new Victorian HVZ to individual MIRNS prior to 15th April 2024 	DB's	To be completed in DBs production systems prior to 15 th April 2024
Step 3	<ul style="list-style-type: none"> DB's to create a VIC HVZ production database extract which must include: <ul style="list-style-type: none"> Details for all MIRNS and FRO's for that DB All Tariff V and Tariff D Meters VIC HVZ Extract is a CSV file in the format shown below in section 3 of this document VIC HVZ production database extract applicable As At 15th April 2024 DB's to distribute VIC HVZ extract to AEMO via MIBB (Upload folder) 	DB's	Production extract on 15th April 2024

Step #	Step Description	Responsible Person	Timings
	By providing the extract to AEMO under this Transition Plan, distributors are taken to have consented to AEMO disclosing the information in the extract to FRO's in accordance with this Transition Plan.		
Step 4	<ul style="list-style-type: none"> AEMO to collect and process Vic DB VIC HVZ extract file from MIBB (Individual DB Upload Folder) 	AEMO	16th April 2024
Step 5	<ul style="list-style-type: none"> AEMO will use the DB provided FRO in the Vic HVZ Extract file to determine FRO and create a VIC HVZ Extract_FRO file for each individual FRO. i.e. For a FRO participating in all x3 VIC DB patches, x3 VIC HVZ Extract_FRO files will be generated VIC HVZ Extract_FRO is a CSV file VIC HVZ Extract_FRO files for a FRO will be placed in their FRO MIBB (Upload Folder) AEMO will not edit any content received from a DB under Step 3 	AEMO	16 th – 17 th April 2024
Step 6	<ul style="list-style-type: none"> FRO's to collect VIC HVZ Extract_FRO CSV file from their MIBB (Upload Folder) 	FRO	18th April, 2024
Step 7	<ul style="list-style-type: none"> For each VIC HVZ Extract_FRO received, FRO's to update internal systems to reflect the new Vic HVZ with an effective date of the 1/5/2024 The data provided by the DBs is expected to be a "snapshot" at a point prior to the effective date of 1st May 2024. From 2nd May 2024, FROs will need to utilise the NMI Standing Data Request transaction to obtain the allocated Heating Zone IDs for any completed FRO transfer which occurs between 16th April 2024 (day after DB extract) and 2nd May 2024 (Victorian HVZ Go live +1 day) 	FRO	18th April 2024 From 2 nd May 2024
Step 8	<ul style="list-style-type: none"> Where a FRO experiences any technical format issues with the VIC HVZ Extract_FRO CSV file, FRO's should contact AEMO via grcf@aemo.com.au with Subject = 'VIC HVZ FRO File Format Issue' Where a FRO experiences any issue in applying VIC HVZ Extract_FRO details within their internal systems, FRO's are encouraged to use the existing Retail Operations Contact List (RoCL) to contact the appropriate DB 	FRO AEMO	As required

Note: Steps shaded in Grey are optional as there is no retail market procedural obligation on the FRO to store this information.

3. VIC HVZ Synchronisation Extract: File Structure & Format

3.1.1. File Naming

The following file naming convention is to be used:

Transition Plan Reference	FROM > TO	File Naming Convention
VIC HVZ extract	DB > AEMO	MARKET_VIC HVZ Extract_OriginatorID_CCYYMMDD Where: <ul style="list-style-type: none"> OriginatorID = DB Participant ID CCYYMMDD = Extract Date
VIC HVZ extract_FRO	AEMO > FRO	MARKET_VIC HVZ OriginatorID_FRO_RecipientID_CCYYMMDD Where: <ul style="list-style-type: none"> OriginatorID = DB Participant ID Recipient ID = FRO Participant ID CCYYMMDD = The DB Extract Date i.e. The same date as the DB VIC HVZ Extract file

3.1.2. File Format

The following CSV file format is to be used for both VIC HVZ Extract and VIC HVZ Extract_FRO files.

CSV Data Element Name	CSV Data Element Description	Format	Length	Mandatory /Optional
NMI	This is the MIRN (Meter Identification Reference Number). Unique number allocated by the Distributor that identifies the Supply Point.	AlphaNumeric	10	M
NMI_Checksum	This is the MIRN Checksum. This is a number calculated by an algorithm for validation purposes and is an attribute of the MIRN	Integer	1	M
Supply_Point_Code	Identifies whether the supply point is distribution or transmission and whether it has a basic or interval meter installed. Allowed values: B = Basic I = Interval T = Transmission O = Other e.g. Scenarios where a meter maybe installed in the future excluding Registered MIRNs	Char	1	M
Site_Address_Postcode	Defines the postcode as per Australian Standard AS4590	AlphaNumeric	4	M
New_Heating_Value_Zone	In relation to a supply point, the new heating value zone ID which is determined by AEMO as the heating value ID for that zone and subsequently internally applied by the DB	Integer	3	M
Extract Date	This is the date the DB created the VIC HVZ The DB extract date	YYYY/MM/DD	10	M
FRO_Participant_ID	The current FRO as recorded in the DB database at the 'Extract Date'	Alphanumeric	14	M
DB_Participant_ID	The originating DB of the VIC HVZ extract CSV file	Alphanumeric	14	M