

VEE SERVICES and CODES

Each AMI meter in the Customer Information System (CIS – NorthStar or Clarity) assigns a VEE service. The VEE service indicates how the Meter Data Management (MDM – EnergyIP) system should validate, edit, and estimate meter data. This service assists in ensuring the collected data is accurate and, in instances of faulty or incomplete data, edited or estimated before it reaches the billing system.

VEE Services

The VEE data service attached to a service delivery point (SDP) dictates the validation and estimation rules EnergyIP uses to process the meter reads for each SDP.

This table shows the VEE services available in EnergyIP.

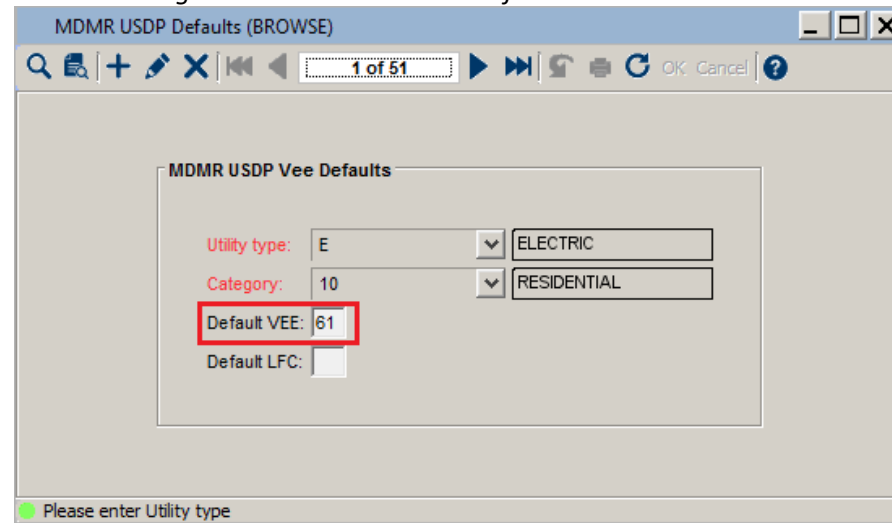
VEE Service Code	Utility Type	Validation Type	Additional Parameters
00	Electric	No Validation	
03	Electric	Residential Standard	
05	Electric	Res/Gen Svc Non-Standard (Generation)	Received energy is allowed
12	Electric	General Service Standard	
42	Electric	Nexus Meter (WPPI Wholesale meters only)	No Sum Check
61	Electric	Residential Non-Standard	No Sum Check
79	Electric	Industrial Standard	
90	Electric	Industrial Large	Hi-Lo Check
91	Electric	Industrial Large	Hi-Lo Check; No Spike Check
20	Water	Residential	
21	Water	Commercial-Industrial	
44	Water	Non-Standard	
08	Gas	Generic Standard	

Default VEE Service

When first implementing AMI meters in NorthStar, WPI setup the default VEE codes. The codes are based on the Category Code for the account's Electric, Water, or Gas service.

Note: Example shown is for the NorthStar CIS.

Meter Reading > MDMR > MDMR Vee Defaults



The screenshot shows a window titled "MDMR USDP Defaults (BROWSE)". Inside, there is a section for "MDMR USDP Vee Defaults" with the following fields:

- Utility type: E (dropdown menu) ELECTRIC
- Category: 10 (dropdown menu) RESIDENTIAL
- Default VEE: 61 (text input, highlighted with a red box)
- Default LFC: (empty text input)

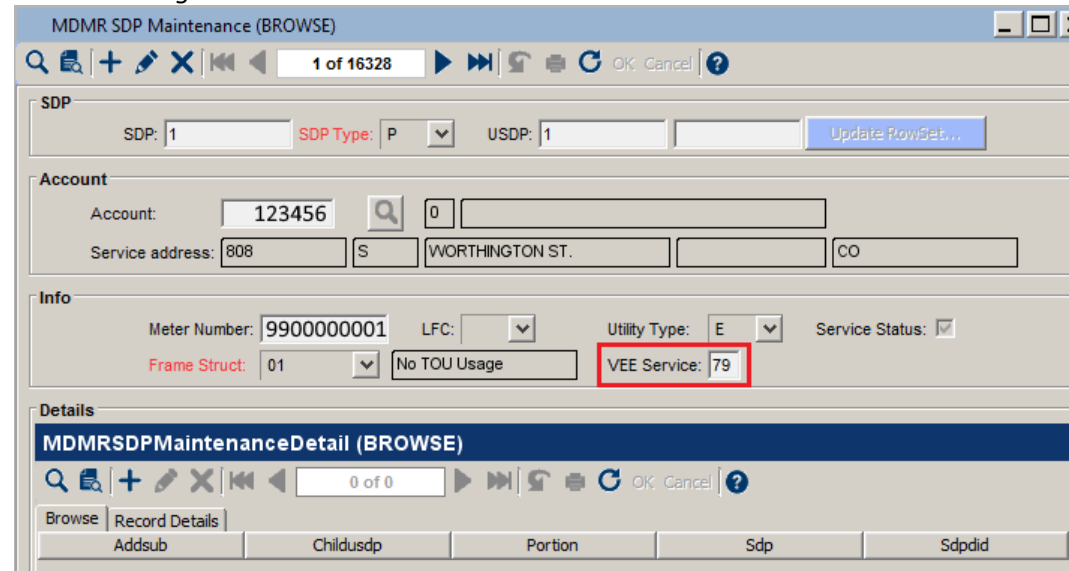
At the bottom left, there is a green dot and the text "Please enter Utility type".

Changing a VEE Service

If a VEE code needs to be changed for a specific meter, this is done in SDP Maintenance.

Note: Example shown is for the NorthStar CIS.

Meter Reading > MDMR > MDMR SDP Maintenance > VEE Service



The screenshot shows a window titled "MDMR SDP Maintenance (BROWSE)". It contains several sections:

- SDP:** SDP: 1, SDP Type: P, USD: 1, Update RowSet...
- Account:** Account: 123456, Service address: 808 S WORTHINGTON ST. CO
- Info:** Meter Number: 9900000001, LFC: (dropdown), Utility Type: E, Service Status: . Frame Struct: 01, No TOU Usage, VEE Service: 79 (highlighted with a red box).
- Details:** MDMRSDPMaintenanceDetail (BROWSE) table with columns: Addsub, Childusdp, Portion, Sdp, Sdpdid.