

## **Ameren Illinois' Responses to Issues Discussed on August, 22, 2013 Net Metering Conference Call**

### Switching Electricity Providers

- 1. When a utility net metering customer switches to a RES, including through a municipal aggregation program, the utility must notify the RES via an electronic method approved by the utility of the customer's status as a net metering customer.***

Ameren Illinois already provides this information to RES's through an EDI 814E-Response transaction that contains a net metering designation for the impacted meters. In addition, when a RES customer enrolls to Rider NM (Ameren Illinois' net metering tariff), an EDI 814C-Request transaction is generated for the specific service points that are affected.

The information contained in the screenshot below is found in both the EDI 814E-Response Implementation Guide and the EDI 814C-Request Implementation Guide. This information depicts how net metering identifiers are communicated to RES's:

**Segment:** REF Reference Identification (Special Meter Configuration)  
**Position:** 130  
**Loop:** NM1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:**

- 1 REF04 contains data relating to the value cited in REF02.

**Comments:**

**Notes:** Accept Response: Required if applicable. This segment will not be provided for unmetered services.  
 Reject Response: Not Used  
  
 Please note that additional codes may be added.  
 REF-KY~BMG

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification KY Site Specific Procedures, Terms, and Conditions Special Meter Configuration	M ID 2/3
Must Use	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier For ComEd, space heat customers are identified with a REF02 code of "SH".	X AN 1/30
			AL Auxiliary Load (ComEd)	
			BMG Behind the Meter Generation (Ameren)	
			CM Check Meter (ComEd)	
			CO Check Meter/Outflow (ComEd)	
			GM Generator Meter (ComEd)	
			GO Generated Out Meter (ComEd)	
			GS General Service (ComEd)	
			IC Inflow/Check Meter (ComEd)	
			IF In With Flow Through (ComEd)	
			IO In/Out Meter Flow Through (ComEd)	
			IW In/Out Without Flow Through (ComEd)	
			KQ KQ Only (ComEd)	
			<b>NM-BI</b> Net Metering - Bidirectional Meter (Ameren)	
			<b>NM-GG</b> Net Metering - Gross Generation Meter (Ameren)	
			<b>NM-GL</b> Net Metering - Gross Load Meter (Ameren)	
			OF Out with Flow Through (ComEd)	
			OW Out without Flow Through (ComEd)	
			PG Power Factor General Service (ComEd)	
			PS Power Factor Space Heat (ComEd)	
			SH Space Heating (ComEd)	

- 2. The rule should assure that existing net metering customers do not lose their net metering contracts or bill credits when switching electricity providers.***

Ameren Illinois assumes that customers who've made the investment in generators and have actively selected the net metering billing arrangement will want to continue that arrangement when they switch supply sources. The responsibility is placed onto the customer to notify us if they wish to terminate the net metering arrangement after they've switched to RES supply.

- 3. Upon switching to a RES, a non-competitive net metering customer shall remain authorized to receive net metering for electric utility distribution charges without interruption or further enrollment requirements with the electric utility.***

Please see the response to question #2 above.

#### Provision of Billing Information

- 1. Add to Section 465.50: In the event the electricity provider is not the electric utility providing delivery service to the customer, the electric utility shall provide the electricity provider the summary billing information that matches the sum of the half-hour interval data for the net kilowatt-hours supplied by the customer during the billing period. The billing detail and summary for each month shall include the previous months kilowatt-hour credits if applicable.***

Ameren Illinois provides RES's through EDI with the same metering information that Ameren Illinois' billing system uses to determine charges for net metering customers.

Please see the attached excerpt from the RES Handbook that shows how this information is currently provided to RES's.

*Net Metering:*

A net-metered service point that is not declared "competitive" (currently DS1 and DS2 service points are not declared "competitive") will have a bi-directional meter. For such service points:

- Data for the bi-directional meter will be listed in two separate channels in the EDI 867 transaction. One channel will be net load; the other net generation.
- The net load channel data will be presented in the EDI 867 transaction with a REF\*JH segment set to "A" (for additive).
- The net generation channel data will be presented in the EDI 867 transaction with a REF\*JH segment set to "S" (for subtractive).
- For any given hour, one of the two channels will always be zero.

A net-metered service point that is declared competitive (currently DS3 and DS4 service points are declared "competitive") will not have a bi-directional meter. Instead, it will have a separate, dedicated meter just for generation. For such service points:

- The generation meter will have a "G" added to the end of the meter number in the EDI 867 (e.g. 12345678G).
- The REF\*JH segment in the EDI 867 transaction for a generator meter will be set to "S" (for subtractive).

Other

- 2. Delete the provision in Section 465.50 that the electricity provider shall determine whether the customer is a net purchaser of electricity or a net seller of electricity during the billing period.**

Ameren Illinois notes that the provisions of the Public Utilities Act require an electricity provider to determine whether a customer is a net seller or buyer of electricity during a billing period. Please see 220 ILCS 5/16-107.5(d); 16-107.5(d-5); and 16-107.5(e).

In addition, please note in the response to the previous request, the RES is provided with information on whether a non-competitive service customer is a net seller or net purchaser through the attachment of a "zero" value to one of the two meter data channels for each interval. For non-competitive service customers, this calculation is a simple mathematical process for the relevant meter points.

Finally, it should be noted that Ameren Illinois provides Rate Ready Utility Consolidated Billing (UCB), which would enable any RES who selects that billing option to have Ameren Illinois calculate the bills of all of its UCB-eligible customers, including those receiving net metering services. In these situations, Ameren Illinois would perform the billing calculation for the current billing period, issue the bill and send the RES an 810 informational EDI transaction that identifies the credits or charges from the current billing period that were applied to any net metering customer's bill. Under Rate Ready

UCB, the RES is still responsible for tracking and applying any carry forward supply credits owed to a net metering customer, and would issue any carry forward supply credits to the Customer's bill through the Ameren Illinois RES Portal.