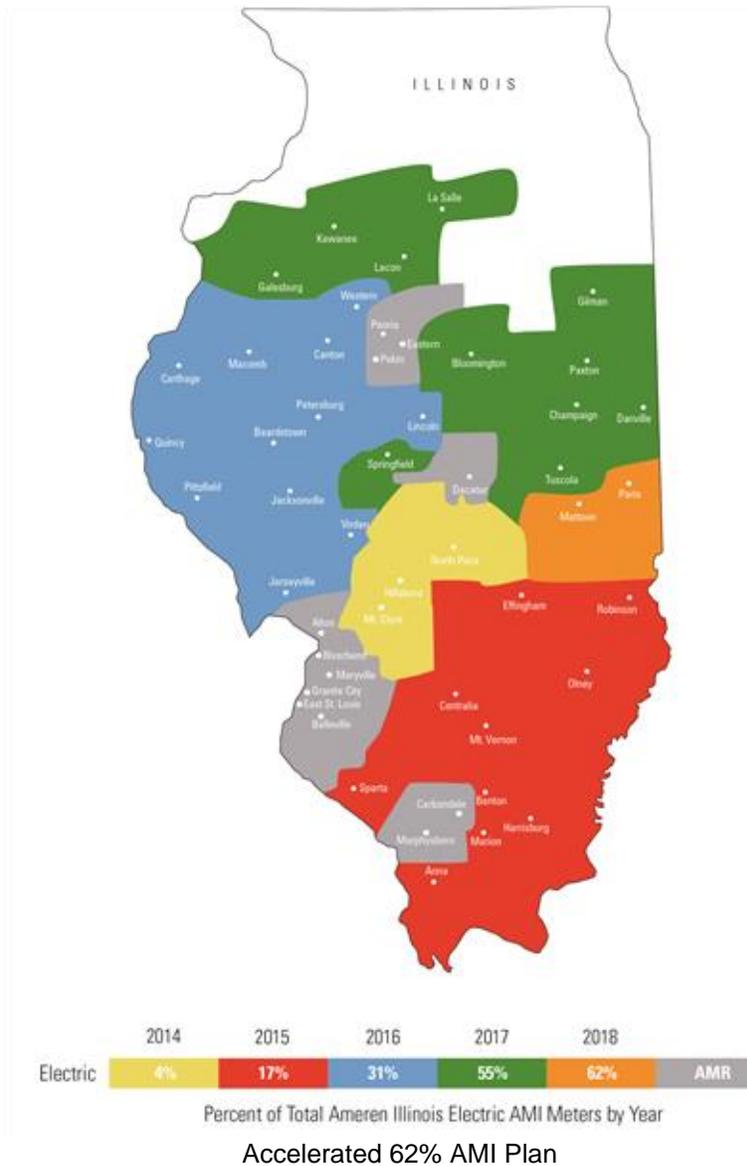


Accelerate AMI 62% Deployment

Ameren Illinois will accelerate the deployment of the 62% electric AMI meters. The acceleration will allow customers to experience the benefits of AMI service enhancements, operational cost reductions, and associated “Manage My Energy” programs sooner than originally forecasted. With the acceleration, AMI will be deployed to 62% of AMI customers by early 2018.



Year	Approved Plan	Accelerated Plan
2014	40,419	46,972*
2015	148,000	161,567*
2016	148,000	178,000
2017	148,000	295,000
2018	148,000	<u>98,880</u>
2019	<u>148,000</u>	
Total	780,419	780,419

***Actual Deployed Electric Meters**

Ameren Illinois exceeded the 2014 and 2015 meter targets due to an increase in available work days for weather days not used, not due to planned acceleration. Ameren Illinois incorporates weather days into its deployment schedule to ensure there is enough schedule contingency to meet deployment commitments outlined in the ICC approved AMI Plan.

Electric Capital Expenditures As Filed (\$ millions)

As Filed in Docket 12-0244	2012	2013	2014	2015	2016	2017	2018	2019	Total
AMI Meters	-	\$1.0	\$6.4	\$20.7	\$21.0	\$21.2	\$21.5	\$21.8	\$113.6
AMI Comms Network	-	\$0.7	\$2.7	\$4.8	\$4.9	\$4.9	\$5.0	\$5.0	\$28.0
Hardware	-	\$1.9	-	\$0.1	\$0.1	\$0.2	\$0.2	\$2.7	\$5.2
Systems Integration	-	\$34.6	\$30.6	\$29.9	\$4.0	-	-	-	\$99.1
Program Management	-	\$5.2	\$4.2	\$3.1	\$0.8	\$0.8	\$0.8	\$0.8	\$15.7
Total	-	\$43.4	\$43.9	\$58.6	\$30.8	\$27.1	\$27.5	\$30.3	\$261.6

Accelerated Electric Capital Expenditures Plan (\$ millions)

Accelerated Capital Plan	2012	2013	2014	2015	2016	2017	2018	2019	Total
AMI Meters	-	\$0.2	\$9.1	\$28.7	\$25.1	\$49.9	\$12.7	-	\$125.8
AMI Comms Network	-	\$0.8	\$5.4	\$4.7	\$10.1	\$1.9	\$0.6	-	\$23.5
Hardware	-	\$1.7	\$0.2	\$0.2	\$0.1	\$0.0	-	-	\$2.2
Systems Integration	-	\$12.1	\$15.7	\$10.7	\$0.7	\$0.1	-	-	\$39.2
Program Management	\$2.9	\$3.1	\$2.5	\$1.9	\$1.4	\$1.1	\$0.3	-	\$13.2
Total	\$2.9	\$18.0	\$32.9	\$46.1	\$37.4	\$53.0	\$13.6	-	\$203.9

Due to the acceleration of the 62% AMI deployment, the current forecast for 2016 and 2017 exceeds the Electric Capital Expenditures As Filed in Docket 12-0244.

EIMA Metrics

As outlined in the MAP-M metric plan, following are the results for the 2015 year-end AMI related EIMA metrics:

1. Estimated bills: 386,095
2. Consumption on inactive meters: 10,481,629 kwh
3. Uncollectibles: 12,275,959

Ameren Illinois satisfied the 2015 performance year goals for all three metrics. These metrics will be explained in more detail in Ameren Illinois' Modernization Action Plan Multi-Year Performance Metrics 2016 Annual Report to be filed pursuant to 220 ILCS 5/16-108.5(f).

AMI Tracking Mechanisms

In its approved AMI Plan, Ameren Illinois proposed to track the following information. All information is as of December 31, 2015.

1. Percent of support system installed

100% of the AMI support systems and applications were installed

2. Percent of 2-way network installed

47.5% of the two way network was installed

3. Number and percent of AMI meters installed

208,539 meters installed, 35.5% of planned meter installations

4. Number of customers able to access the Web Portal and Web Portal usage statistics

1.167M residential customers are able to access the web portal

2560 AMI, AMR, and Legacy customers accessed the web portal in 2015

5. Number of customers eligible for peak time rebate tariff

91,527

6. Number of customers signed up for peak time rebate tariff

10,455

7. Number of customers on PSP, RTP, or other real time rates

Number of customers on Ameren Illinois' Power Smart Pricing (PSP) Program = 11,265

Number of customers on an Ameren Illinois' Real Time Pricing (RTP) Program = 1,420

In addition to the above tracking mechanisms, Ameren Illinois has voluntarily agreed to track additional items. As stated, the work and activities described below are a voluntary undertaking on the part of Ameren Illinois. Recognizing changing circumstances that may affect the propriety of tracking the subject information, or where

provisions of the enabling statutes are no longer operative, Ameren Illinois reserves the right to modify, delete, or add to any of the provisions described below, and the right to terminate any or all of the undertakings.

All data is as of December 31, 2015 unless otherwise stated.

1. The number of residential and small commercial customers taking service from Ameren Illinois sponsored time variant or dynamic pricing tariffs, segmented by residential and small commercial customers, and by the specific dynamic or time variant rate. A residential customer is defined as a customer taking service under DS1. A small commercial customer is defined as a DS2 customer with usage of 15,000 kWh or less annually for the prior calendar year.

Type of Tariff	# of Accounts
Residential – Power Smart Pricing	11,265
Residential – Ameren Illinois RTP1	974
Small Commercial - RTP	312
Total Residential and Small Commercial RTP Accts	12,551
Other Non-residential RTP	134
Total Hourly Price Accts	12,685

2. The estimated peak demand reduction in MW resulting from customer participation in Ameren Illinois' Peak Time Rebate Program. Estimated peak demand reduction is defined as the average estimated load reduction during the previous calendar year's Peak Time Rebate curtailment events.

The estimated peak demand reduction in MW resulting from customer participation in Ameren Illinois' Peak Time Rebate Program is not expected to be available until the 2017 annual report.

Ameren Illinois registered with MISO for 2.1MW at the customer meter level (2.3MW adjusting for line losses). Actual performance will be noted in the 2017 report, to the extent an event is called.

3. The following by customer class (DS1, DS2-Small Commercial, DS2-All Other, DS3, DS4):

- a. Number of AMI meters installed: 208,539

Customer Class	Meters
DS1	182,074
DS2 – Other	8,970
DS2 – Small Commercial	17,357
DS3	43
DS4	3
DS5	14
Other (Test Meters)	77
No Active Customer	1
Total	208,539

- b. Number of AMI meters communicating through the AMI network and network accessed data used for billing.

Customer Class	Meters
DS1	63,524
DS2 – Other	2,806
DS2 – Small Commercial	6,412
DS3	14
DS4	1
DS5	7
No Active Customer	2
Total	72,766

- c. Number of customers with AMI meters whose data is available on the applicable web-based portal.

63,524 AMI customers' hourly interval data was available on the web portal in 2015

- d. Number of customers with AMI meters who have viewed their data on the applicable web-based portal a minimum of one time during the calendar year.

21 AMI customers accessed their hourly interval data on the web portal in 2015

4. The number of AMI metered customers with a consumer device registered to receive information from the AMI meter. Ameren Illinois will also provide a list, by device type, of the consumer devices that have been certified as capable of receiving information from its AMI meters.

Verification of consumer devices began in 2015. The registration process was implemented in January 2016. There are no customer registrants at this time.

5. As applicable, the number of AMI metered customers who download data through the Green Button Initiative format a minimum of one time during the calendar year.

15 AMI customers downloaded their Green Button data in 2015

6. The number of AMI meters that are replaced prior to the end of their manufacturer expected 20-year useful life. The high level cause of the meter replacement will also be tracked in one of four categories – 1. Communication related, 2. Metrology related, 3. Remote switch related, 4. External physical damage not caused by the meter. Ameren Illinois will also note those internal meter malfunctions (categories 1 – 3 above) that cause a non-momentary disruption of service to the customer.

Failure Type	2014	2015	Total
1. Communication	1	162	163
2. Metrology	6	59	65
3. Remote Disconnect	0	4	4
4. Damaged Meter	0	47	47
Total	7	272	279

7. Ameren Illinois will add the most current Part 466.140 Distributed Generation Annual Report as an attachment to its annual AMI Plan Update.

See Appendix 1.

8. Ameren Illinois will segment from the most current Part 466.140 Distributed Generation Annual Report those customers taking service on the Net Metering Tariff and add this document as an attachment to its annual AMI Plan Update.

See Appendix 2.

9. The total known distributed generation capacity in KW connected to the Ameren Illinois distribution system based on the Part 466.140 Distributed Generation Report and divide that capacity value by the total Ameren Illinois system peak demand.

The total known distributed generation capacity in KW connected to the Ameren Illinois distribution system is 15.5949 KW, or 0.71% of Ameren Illinois' peak demand during 2015 of 2186.53 MW

10. The time required to connect distributed resources to the grid. The clock will start upon receipt of a complete application from the customer. An application is considered complete when all required documentation, information, application fees, etc. have been received and application can be forwarded to engineering. The clock will end when an appropriate Ameren Illinois electric meter is installed and / or appropriately programmed to accommodate the distributed resource.

See Appendix 3.

11. The number of formal ICC complaints, informal ICC complaints and other complaints related to AMI deployment, broken down by type of complaint and resolution.

From January 2015 through December 2015, there were 40 related to AMI deployment.

	Complaint	Resolution
1	Customer informed Apex that tech stepped over a broken section of the fence.	Customer requested no follow up. Issue was discussed with installation team.
2	Customer accused installer of jumping the fence to access the meter.	Discussed concerns with customer and talked to installer who indicated he was able to reach over the fence and unlatch the fence and did not jump the fence.
3	Customer states company changed out meter and damaged TV	CCMI has denied the claim. There were no problems concerning the meter change.
4	Customer called angry because we are not jumping the meters to prevent power loss.	Apex is not able to jump meters and explained this to the customer.
5	Apex vehicle became stuck in the field by the customer's home. The vehicle left ruts in the field.	A repair person visited to level out the field.
6	ICC Informal - Customer wants current meter left in place.	Customer may maintain electro-mechanical meter until 1) it fails 2) meter is randomly selected and required for testing or 3) company programmatically retires that meter type.
7	Customer complaint that AMI meter installation caused heat pump damage. Also increased bill due to excess usage.	Customer meter base has a bypass handle that allows power to remain on when meter is removed. Claim was denied.

8	Customer thinks meter installation caused power surge and damaged his computer.	Upon claim investigation, customer equipment working.
9	Customer states new meter is blocking her from opening the back screen door.	The operating center installed a low profile cover to resolve the issue.
10	Customer claimed that the installer took his surge protector	From the photographs taken during the installation, no surge protector was present when the installer started. Apex communicated this to the customer. The complaint has been escalated to Ameren (Dennis Spencer)
11	Customer claims TV is not working due to AMI installation.	Customer let Apex know the issue worked itself out, TV now working, meter installed correctly.
12	Customer upset about AMI installation - requests suspension to get more information regarding health, privacy, and costs.	Explained AMI deployment and charges for non-standard metering.
13	Customer rec'd AMI meters - wants old meters but does not want to pay NSM fees.	Explained AMI deployment and charges for non-standard metering.
14	Customer questioned the tech that was installing the new meters at the house the customer advised him that she did not want the new meter. Customer stated the tech threatened to call the sheriff and advised that there might be additional fees if she kept the old meter.	The installer has shared with us that he did not threaten the customer. Customer was informed that she could refuse the meter and that there was a fee that Ameren would go over with her
15	Customer complaint regarding missed appointment.	Customer was called to reschedule appointment made during blackout. Ameren performed the exchange.
16	Customer called in to report that garage doors will not open after AMI installation.	Talked with customer, issue related to breaker trip.
17	Customer claimed no power after installation.	Customer had power when Apex arrived to check on the problem.
18	Customer has delicate medical equipment and wants Ameren to waive NSM charges.	A Non-Standard Metering confirmation letter was sent to Mrs. Hood confirming her preference to be enrolled in the program. Currently Mrs. Hood lives in Alton which is not part of the 62% electric meter deployment at this time.
19	Customer changed his mind after requesting NSM. Customer told Ameren Rep he was upset with the AMI installer's lack of courtesy.	Left messages for customer at primary and secondary numbers with no response or ability to leave voicemail.
20	Customer says he did not hear anyone knock on the door; claims the installer let his dog out and the dog is now loose.	Confirmed the installer did attempt to notify the customer of the install by leaving a door hanger. Apex did send the installer back to help locate the dog and secure it, which did occur to the satisfaction of the customer.
21	Customer reported no power after AMI installation.	Issue resolved by resetting customer main.
22	Customer is upset she did not receive notification of the AMI install.	Apex verified the installer knocked and left a door hanger. Call was transferred to the Ameren call center to discuss the letter and postcard notification.
23	Customer requested non-standard metering and wants old analog meter.	Old analog meters are obsolete and not an option for deployment.

24	Customer states parents do not want AMI because they have pacemaker. Customer is also concerned about safety and does not want to pay NSM fees.	Explained that AMI signal is weaker than most common wireless devices. Ameren will remove one time \$70 charge if customer goes on NSM and pays monthly charge.
25	Customer concerned with AMI communications methods - he does not feel sending out a letter, postcard or knocking on the door at the time of install is adequate. He thinks that an install should not occur without a verbal discussion face to face with the home owner.	Customer did not receive initial AMI brochure – Ameren customer service manually sent another brochure.
26	Customer complaint regarding missed appointment.	The appointment was rescheduled.
27	Customer disputes AMI meter replacement and charges for refusal.	Joseph Musial filed the complaint and requested no AMI meter. The installation was authorized by Jana Musial who is the customer of record – refusal must requested by customer of record.
28	Customer complaint regarding paint on the home	Paint was removed successfully the week of 9/7/15.
29	Customer wanted to refuse the meter however she missed doing so before meter was exchanged.	We have not made contact with the customer since providing NSM information – account has been finalized and has an AMI meter.
30	Customer complaint regarding exposed wires. Customer asked for someone to go back and fix it.	The customer misunderstood the work performed by Apex while on site. This was explained and the issue resolved.
31	Customer complaint regarding missed appointment.	Apex was late 56 minutes to the customer appt. Scheduled 1-2pm order completed at 2:56 PM.
32	Customer was not aware of the upgrade, thought the full meter was replaced and wanted his old meter read.	Talked with the customer and that his meter and index was original. Customer stated all was good now that he understood our work.
33	Customer complaint regarding missed appointment.	Gas appointment made in error for the customer. Customer actually needed electrical repair; Ameren made arrangements for the meter repair.
34	Customer complaint regarding missed appointment.	Customer appointment was rescheduled.
35	Customer concern regarding AMI safety issues seen on TV and in newspapers.	Rep sent customer information on AMI and advised him to review Ameren website regarding safety concerns.
36	Customer does not want AMI meters; states meters emits radiation.	Explained that AMI meters are not scheduled to be deployed in customer's area and explained amount of RF emitted.
37	Customer complained that the tech scared the daughter when he knocked on the door and rattled the handle.	We have not made contact with the customer despite several call attempts. We believe she heard the tech leaving a door hanger, not turning the handle.
38	Installer worked on neighbor's meters, however did not work on his meter, and left a tire mark on the driveway.	Talked with customer and discussed the complaint - set up a time to go and work their order when we have stock and it is not in blackout.
39	Customer says he/she has gotten very ill since the AMI installation and wants the meter removed. Customer disputes removal and monthly charges.	Explained AMI meter installation - Explained NSM charges and we are unable to waive.

40	Customer complained that the tech was trespassing.	The issue was resolved by the Ameren team. Customer will be called prior to the visit, customer is aware of the exchange process.
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There were no formal ICC complaints filed as a result of the AMI deployment.

12. The reduction in gasoline consumption from the reduction in manual meter reading miles, and converted to a reduction in greenhouse gas emissions based on formulas provided by CUB / ELPC / EDF.

The reduction in gasoline consumption for Ameren Illinois manual meter reading truck miles is 8,547 gallons. The reduction in gasoline consumption converted to a reduction in greenhouse gas emissions is 167,000 lbs of CO2.

13. The annual combined load factor for all its AMI metered customers, and its entire system annual load factor. Annual load factor is defined as total consumption in MWH divided by the hourly peak demand at the time of system peak in MW multiplied by 8760 hours per year.

The Ameren Illinois overall system annual load factor is 61.24%. For AMI metered customers in 2015 that had a full year's worth of AMI data (approximately 25,000 service points), the load factor is 39%. Please note the vast majority of these customers fall into the low summer/low winter usage load factor category. The overall load factor for the low summer/low winter usage load factor category is 39%.

14. The number and percentage of 12 kV distribution circuits using data from AMI meters as part of a voltage / var control scheme.

There are no 12 kV distribution circuits using data from AMI meters as part of a voltage/var control scheme.

Ameren Illinois has not agreed to any additional tracking mechanisms at this time, but will continue to consider additional tracking mechanisms as appropriate in the future.

Appendix 1 – Part 466.140 Distributed Generation Annual Report

2016
Annual Report of
Ameren Illinois Company d/b/a Ameren Illinois
Pursuant to Part 466.140
of the 83 Illinois Administrative Code
<=10 MVA Distributed Generation Annual Report
Requests for Distributed Generation Interconnection

	2013-2014 Data (as of 2-10-14)		2014-2015 Data (as of 2-10-15)		2015-2016 Data (as of 2-10-16)		Totals as of 2-10-16	
	<u>Completed</u>	<u>Under Review</u>	<u>Completed</u>	<u>Under Review</u>	<u>Completed</u>	<u>Under Review</u>	<u>Requests Received*</u>	
1) Requests Received	36	11	33	14	84	9	634	
Level 1	25	9	18	10	69	2	505	
Level 2	11	1	15	4	15	6	122	
Level 3	0	0	0	0	0	0	1	
Level 4	0	1	0	0	0	1	6	
							<u>Requests Approved*</u>	
2) Requests Approved	<u>Customers</u>	<u>kW</u>	<u>Customers</u>	<u>kW</u>	<u>Customers</u>	<u>kW</u>	<u>Customers</u>	<u>kW</u>
	46	423.9	53	1086.3	99	1647.5	552	15594.9
Level 1:	35	155.7	32	175.0	80	334.5	443	2181.4
Solar	28	135.0	30	161.7	79	332.7	353	1634.6
Wind	7	20.7	0	0.0	1	1.8	50	246.0
Both	0	0.0	2	13.4	0	0.0	40	300.8
Level 2:	11	268.2	21	911.3	19	1313.0	108	8613.5
Solar	11	268.2	19	857.2	17	1262.8	82	3715.2
Wind	0	0.0	0	0.0	0	0.0	17	4629.3
Both	0	0.0	2	54.1	2	50.1	9	268.9
Level 3:	0	0.0	0	0.0	0	0.0	0	0.0
Level 4:	0	0.0	0	0.0	0	0.0	1	4800.0
							<u>Requests Denied*</u>	
3) Requests Denied	<u>Customers</u>	<u>kW</u>	<u>Customers</u>	<u>kW</u>			<u>Customers</u>	<u>kW</u>
	0	0.0	0	0.0			0	0.0

Note:

Level 1 = Distributed generation facilities less than or equal to 10kVA

Level 2 = Lab certified interconnection equipment with nameplate capacity less than or equal to 2MVA.

Level 3 = Distributed generation facility does not export power. Nameplate capacity is less than or equal to 50kVA if connected to area network or less than or equal to 10 MVA if connected to a radial distribution feeder.

Level 4 = Nameplate capacity rating is less than or equal to 10 MVA and the distribution generating facility does not qualify for a

Level 1, 2 or 3 review, or the distribution generating facility has been reviewed but not approved under a Level 1, 2 or 3 review.

* - Total column reflects totals from the inception - April 1, 2008 to current.

Appendix 2 – Part 466.140 Distributed Generation Annual Report – Net Metering Only

2016
Annual Report of
Ameren Illinois Company d/b/a Ameren Illinois
Pursuant to Part 466.140
of the 83 Illinois Administrative Code
<=10 MVA Distributed Generation Annual Report
Requests for Distributed Generation Interconnection (Net Metering Customers Only)

	2012-2013 Data (as of 2-10-13)		2013-2014 Data (as of 2-10-14)		2014-2015 Data (as of 2-10-15)		2015-2016 Data (as of 2-10-16)		Totals as of 2-10-16	
	<u>Completed</u>	<u>Under Review</u>	<u>Requests Received*</u>							
1) Requests Received	97	21	25	10	31	14	76	7	281	
Level 1	73	15	20	9	18	10	64	2	211	
Level 2	24	6	5	1	13	4	12	5	70	
Level 3	0	0	0	0	0	0	0	0	0	
Level 4	0	0	0	0	0	0	0	0	0	
									<u>Requests Approved*</u>	
2) Requests Approved	<u>Customers</u>	<u>kW</u>	<u>Customers</u>	<u>kW</u>	<u>Customers</u>	<u>kW</u>	<u>Customers</u>	<u>kW</u>	<u>Customers</u>	<u>kW</u>
	85	749.7	35	270.0	49	620.9	88	640.5	257	2281.0
Level 1:	66	366.8	30	146.1	31	170.0	72	329.0	127	1011.9
Solar	58	309.0	25	130.2	30	161.7	71	327.2	184	928.1
Wind	5	36.8	5	15.9	0	0.0	1	1.8	11	54.5
Both	3	21.0	0	0.0	1	8.4	0	0.0	4	29.3
Level 2:	19	383.0	5	123.9	18	450.9	16	311.5	42	1269.2
Solar	15	272.5	5	123.9	16	396.8	14	261.3	50	1054.5
Wind	3	72.3	0	0.0	0	0.0	0	0.0	3	72.3
Both	1	38.2	0	0.0	2	54.1	2	50.1	5	142.4
Level 3:	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Level 4:	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
									<u>Requests Denied*</u>	
3) Requests Denied	<u>Customers</u>	<u>kW</u>	<u>Customers</u>	<u>kW</u>	<u>Customers</u>	<u>kW</u>	<u>Customers</u>	<u>kW</u>	<u>Customers</u>	<u>kW</u>
	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

Note:

Level 1 = Distributed generation facilities less than or equal to 10kVA

Level 2 = Lab certified interconnection equipment with nameplate capacity less than or equal to 2MVA.

Level 3 = Distributed generation facility does not export power. Nameplate capacity is less than or equal to 50kVA if connected to area network or less than or equal to 10 MVA if connected to a radial distribution feeder.

Level 4 = Nameplate capacity rating is less than or equal to 10 MVA and the distribution generating facility does not qualify for a

Level 1, 2 or 3 review, or the distribution generating facility has been reviewed but not approved under a Level 1, 2 or 3 review.

* - Total column reflects totals from the inception - Feb 10, 2012 to current.

Appendix 3 – Time Required for Connection of Distributed Resources

2016
 Annual Report of
 Ameren Illinois Company d/b/a Ameren Illinois
 Pursuant to Part 466.140
 of the 83 Illinois Administrative Code
 <=10 MVA Distributed Generation Annual Report
 Requests for Distributed Generation Interconnection (Net Metering Customers Only)***

<u>Customer #</u>	<u>Duration: Time from a Completed Application Until Energy Flows from Project to Grid (Live Date) in Actual Days</u>
1	26
2	80
3	12
4	62
5	93
6	29
7	24
8	70
9	45
10	16
11	6
12	14
13	67
14	299
15	120
16	78
17	22
18	38
19	55
20	58
21	38
22	51
23	20
24	40
25	34
26	100
27	92
28	76
29	33
30	65
31	263
32	7
33	76
34	96
35	64
36	16
37	16
38	15
39	73
40	56
41	11
42	50
43	7
44	6

Assumptions:

1. The clock will start upon receipt of a complete application from customer. An application is considered complete when all required documentation, information, application fees, etc. has been received and application can be forwarded to engineering. (instructions - use Column Q in spreadsheet)
2. The clock will end based on the date when the bi-directional (dual channel) meter is installed or re-programmed. The customer is not authorized to operate the system until the application has been reviewed and approved by Engineering, an inspection and site-test completed and a bi-directional (dual channel) meter installed. (Instructions - use column AC in spreadsheet)
3. Ameren Illinois Policy is to install a bi-directional (dual channel) meter for every distributed generation installation.
4. It should be noted some systems will NOT have energy flow into the grid. These systems were designed for load sharing to reduce billable energy consumption (e.g. some smaller systems were installed in school science labs for educational purposes only.)
5. Time is represented in actual days, not business days.

*** - This represents the total # of net metering customers that completed their installations from Feb 10, 2015 to Feb 10, 2016.

Appendix 3 – Time Required for Connection of Distributed Resources

2016
 Annual Report of
 Ameren Illinois Company d/b/a Ameren Illinois
 Pursuant to Part 466.140
 of the 83 Illinois Administrative Code
 <=10 MVA Distributed Generation Annual Report
 Requests for Distributed Generation Interconnection (Net Metering Customers Only)***

<u>Customer #</u>	<u>Duration: Time from a Completed Application Until Energy Flows from Project to Grid (Live Date) in Actual Days</u>
45	14
46	62
47	19
48	54
49	243
50	243
51	243
52	243
53	243
54	243
55	243
56	243
57	243
58	243
59	243
60	243
61	243
62	243
63	243
64	243
65	243
66	243
67	243
68	243
69	243
70	243
71	17
72	33
73	41
74	33
75	45
76	42
77	86
78	58
79	14
80	11
81	78
82	91
83	167
84	4
85	7
86	69
87	102
88	19

Assumptions:

1. The clock will start upon receipt of a complete application from customer. An application is considered complete when all required documentation, information, application fees, etc. has been received and application can be forwarded to engineering. (instructions - use Column Q in spreadsheet)
 2. The clock will end based on the date when the bi-directional (dual channel) meter is installed or re-programmed. The customer is not authorized to operate the system until the application has been reviewed and approved by Engineering, an inspection and site-test completed and a bi-directional (dual channel) meter installed. (Instructions - use column AC in spreadsheet)
 3. Ameren Illinois Policy is to install a bi-directional (dual channel) meter for every distributed generation installation.
 4. It should be noted some systems will NOT have energy flow into the grid. These systems were designed for load sharing to reduce billable energy consumption (e.g. some smaller systems were installed in school science labs for educational purposes only.)
 5. Time is represented in actual days, not business days.
- *** - This represents the total # of net metering customers that completed their installations from Feb 10, 2015 to Feb 10, 2016.

Appendix 4 – Non-Standard Metering Biannual Report

Each year beginning in 2015, on or before April 1 and on or before October 1, Ameren Illinois shall file with the ICC a semi-annual report that summarizes information pertaining to Customers that have refused AMI metering. The semi-annual report shall provide (1) the number of Customers that have refused AMI metering and the reason for the refusal; (2) a description of the Company’s efforts to address such Customers; and (3) identification of the Company’s costs associated with providing service to such Customers. The report due by April 1 shall be included in the Advanced Metering Infrastructure (AMI) annual report filed by the Company that requires the Company to file a report by April 1 of each year “regarding the progress it has made toward completing implementation of its AMI Plan”, pursuant to Section 16-108.6(e) of the Public Utilities Act.

Within 30 days after the Company files the fourth semi-annual report described above, the Company shall file a petition with the ICC requesting authority to continue the use of this Rider and applicable charges. The petition will include the information provided in the previously submitted semi-annual reports.

Summary

For the period of June 2014 through December 2015, 197 AMR and AMI customers requested non-standard metering. Due to the prior AMR medical exemption process, 6 customers have been grandfathered into non-standard metering. These customers are not included in the 197 and do not receive the monthly advanced meter refusal charge. There were 12 Ameren Illinois customers enrolled in non-standard metering as a result of Unable-to-Complete AMI meter deployments.

Ameren Illinois Non-Standard Metering Refusals

Refusal Reason	Number of Customers
Does not want Gas AMI	1
Health	39
Higher Bills	4
No reason provided	128
Privacy	8
Safety	5
Unable to Complete Advanced Meter Install	12
Total	197

There are two ways for customers to enroll in Non-Standard Metering:

1. Customer Request for Non-Standard Metering

Residential Customers have the option of refusing the installation of Advanced Metering or requesting the removal of previously installed Advanced Metering by contacting the Ameren Illinois Contact Center.

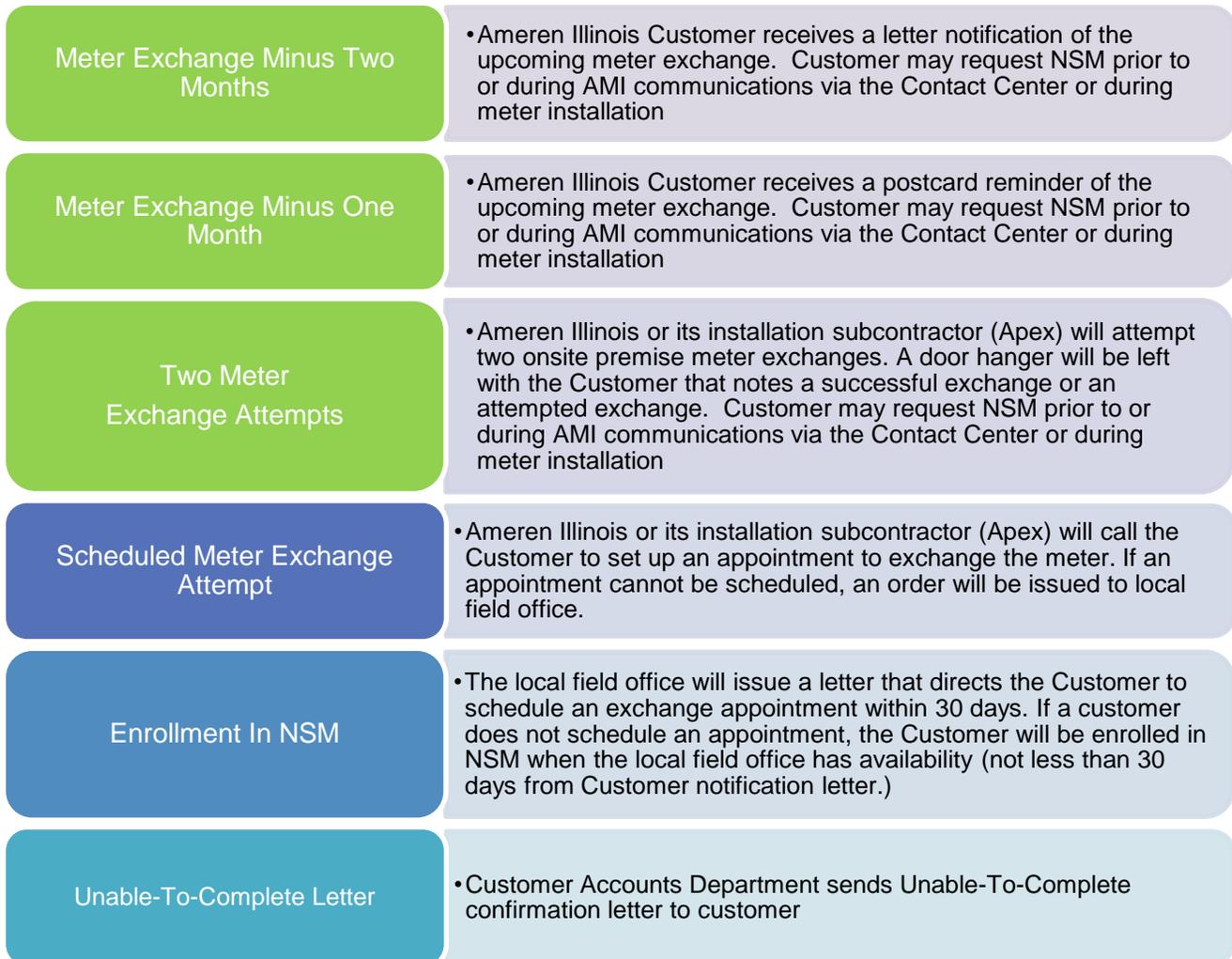
The enrollment process is as follows:



2. Customer is enrolled due to Unable-To-Complete Meter installations

As stated in the Non-Standard Metering Rider, if Ameren Illinois is unable to complete an Advanced Metering installation at eligible premises for reasons including but not limited to, locked gates or doors, physical blockages of meters, or unrestrained dogs, Ameren Illinois will treat these situations as Advanced Metering refusal. Ameren Illinois will contact the customer 6 times prior to enrolling them in non-standard metering.

The contact process is as follows:



Ameren Illinois Customers with 2015 NSM Charges

There were 104 Ameren Illinois customers who received monthly charges as a result of Non-Standard Metering through December 2015. The NSM rider includes all automated metering, both AMI and AMR customers. There are 9 AMR AND 95 AMI customers with NSM charges.

Service(s)	Number of Customers
Electric & Gas	21
Gas	8
Electric	76
Total	104

Customer Refusal Method

Department	Cost
Enrolled after Meter Installation	3
AMI Refusal During Deployment	76
Customer Contact Center	106
Unable to Complete	12
Total	197

Ameren Illinois' Costs Summary

Department	Cost
Meter Reading	11,608
Field and Meter Services	210
Deployment	2,015
AMI Operations	1,241
Customer Experience	2,554
Billing	2,687
Total	\$20,315

Ameren Illinois' Estimated Costs Descriptions

Meter Reading: Ameren Illinois incurred an estimated \$11,608 of meter reading costs for 104 customers who received NSM charges through 2015.

Manual Meter Reading costs:

Service(s)	#Reads	Calculation
Electric	319	#Reads * monthly fee = 7,216
Gas	16	#Reads * monthly fee = 363
Both	304	#Reads * monthly fee = 4,028
Total	639	\$11,608

Field and Meter Services: Ameren Illinois incurred an estimated \$210 of Field and Meter Services cost for customers' meter exchanges.

Meter Exchange order costs:

#Customers	Calculation
3	#Customers * Exchange Fee 3 * \$70 = \$210
Total	\$210

Deployment: Ameren Illinois incurred an estimated \$2,015 of Deployment costs for 76 customers who refused AMI during deployment and 12 Unable to Complete installs:

Subcontractor Installer Costs:

#Subcontractor Rate	Calculation
\$22.90	Rate * #Customers \$22.90 * 88 = \$2,015
Total	\$2,015

AMI Operations: Ameren Illinois incurred an estimated \$1,241 of Operations costs for 12 Unable to Complete installs and 79 customers who requested NSM during meter installation or after meter installation (exchange):

Operations Support Costs:

OSR Rate	Time to Support	Cost to Support	Calculation
\$81.86	10 minutes/Customer	\$13.64/Customer	Cost to Support * #Customers \$13.64 * 91 = \$1,241
Total			\$1,241

Customer Experience:

- Ameren Illinois incurred an estimated \$1,446 of costs for 106 customers who contacted the Ameren Illinois Customer Contact Center to request NSM.
- Ameren Illinois incurred postage and labor costs of \$108 for all 197 customers who requested NSM.

Rate		Cost to Support	Calculation
Contact Center \$81.86/hr	10 Minutes/Customer	\$13.64/Customer	Cost to Support * #Customers \$13.64 * 106 = \$1446
Postage \$0.55/letter	1 Letter/Customer	\$0.55/Customer	Cost to Support * #Letters \$0.55/letter * 197 = \$108
Total			\$1,554

Billing: Ameren Illinois incurred an estimated \$2,687 of cost for all 197 customers who requested Non-Standard metering through December 2015.

Customer Accounts department (CAD) Costs:

CAD Rate	Time to Support	Cost to Support	Calculation
\$81.86	10 minutes/Customer	\$13.64/Customer	Cost to Support * #Customers \$13.64 * 197 = \$2,687
Total			\$2,687