



○ Project:  
○ Filing:

○ Period Start:  
○ Period End:

Submission Due Date:

**AMI Assets - Build Metrics**

AMI End Points Installed	Units	Project	System
End Points (meters) installed and operational	#	<input type="text"/>	<input type="text"/>
Portion of customers with AMI: residential	#	<input type="text"/>	<input type="text"/>
Portion of customers with AMI: commercial	#	<input type="text"/>	<input type="text"/>
Portion of customers with AMI: industrial	#	<input type="text"/>	<input type="text"/>

Implemented Meter Features	Units	Project	System
Reading interval for residential meters	minutes	<input type="text"/>	<input type="text"/>
Reading interval for commercial meters	minutes	<input type="text"/>	<input type="text"/>
Reading interval for industrial meters	minutes	<input type="text"/>	<input type="text"/>
Remote Connect/Disconnect: is feature implemented?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Remote Connect/Disconnect: number of meters with feature	#	<input type="text"/>	<input type="text"/>
Outage Reporting: is feature implemented?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Outage Reporting: number of meters with feature implemented	#	<input type="text"/>	<input type="text"/>
Power Quality Measurement: is feature implemented?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Power Quality Measurement: number of meters with feature	#	<input type="text"/>	<input type="text"/>
Tamper Detection: is feature implemented?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Tamper Detection: number of meters with feature implemented	#	<input type="text"/>	<input type="text"/>
Other feature implemented <input type="text"/>	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Other feature: number of meters with feature implemented	#	<input type="text"/>	<input type="text"/>
Other feature implemented <input type="text"/>	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Other feature: number of meters with feature implemented	#	<input type="text"/>	<input type="text"/>
Other feature implemented <input type="text"/>	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Other feature: number of meters with feature implemented	#	<input type="text"/>	<input type="text"/>

Implemented Enterprise Integration	Units	Project	System
Billing System: is integration complete?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Customer Information System: is integration complete?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Outage Management System: is integration complete?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Distribution Management System: is integration complete?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Other Enterprise Systems: is integration complete?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>



○ Project:  
○ Filing:

○ Period Start:  
○ Period End:

AMI System Descriptions		
	Project	System 
Backhaul Network 		
Meter Communication 		
Headend System 		
Meter Data Management System 		
Meter Data Analysis 		
Other Meter Feature 		
Other Meter Feature		
Other Meter Feature		



○ Project:  
○ Filing:

○ Period Start:  
○ Period End:

AMI Enterprise Integration Descriptions 		
	Project	System 
Billing System		
Customer Information System		
Outage Management System		
Distribution Management System		
Other Enterprise System		
Additional Project Descriptions		

AMI Installed Costs 	Units	Project Funded	Cost Share
Back Office Systems	\$		
Communications Equipment	\$		
AMI Smart Meters	\$		
Other Costs	\$		
Other Cost Description			



○ Project:  
○ Filing:

○ Period Start:  
○ Period End:

**Customer Systems Assets - Build Metrics**

**Implemented Customer Systems**

In-Home display: devices installed	
Direct load control devices: devices installed	
Programmable communicating thermostats: devices installed	
Smart appliances: devices installed	
Energy management devices/systems: devices installed	
Other devices installed	<input type="text"/>
Other devices installed	<input type="text"/>
Other devices installed	<input type="text"/>

Units	Project	System
#	<input type="text"/>	<input type="text"/>
#	<input type="text"/>	<input type="text"/>
#	<input type="text"/>	<input type="text"/>
#	<input type="text"/>	<input type="text"/>
#	<input type="text"/>	<input type="text"/>
#	<input type="text"/>	<input type="text"/>
#	<input type="text"/>	<input type="text"/>
#	<input type="text"/>	<input type="text"/>

**Web Portal**

Customers with access	
Customers with active accounts	

Units	Project	System
#	<input type="text"/>	<input type="text"/>
#	<input type="text"/>	<input type="text"/>



○ Project:  
○ Filing:

○ Period Start:  
○ Period End:

Customer Device Descriptions		
Device	Project	System 
In-Home Displays 		
Direct Load Control Devices 		
Programmable Communicating Thermostats		
Smart Appliances 		
Energy Mgmt Systems 		
Web Portal 		
Home Area Network 		
Other Device <input type="text"/>		
Other Device <input type="text"/>		
Other Device <input type="text"/>		



○ Project:  
○ Filing:

○ Period Start:  
○ Period End:

Additional Project Descriptions

**Customer Build Installed Costs**

**Units      Project Funded      Cost Share**

Back Office Systems		\$		
Web Portals		\$		
In-Home Displays		\$		
Direct Load Control Devices		\$		
Smart Appliances		\$		
Programmable Communicating Thermostats		\$		
Cost of other devices installed:		\$		
Cost of other devices installed:		\$		
Cost of other devices installed:		\$		
Other Costs		\$		

Other Costs Description



○ Project:  
○ Filing:

○ Period Start:  
○ Period End:

**Pricing Programs - Build Metrics**

Implemented Rate Plans	Units	Project	System
Flat Rate: is the pricing program available?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Flat Rate: number of customers with access	#	<input type="text" value=""/>	<input type="text" value=""/>
Flat Rate: number of customers enrolled	#	<input type="text" value=""/>	<input type="text" value=""/>
Flat Rate with Critical Peak Pricing: is the pricing program available?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Flat Rate with Critical Peak Pricing: number of customers with access	#	<input type="text" value=""/>	<input type="text" value=""/>
Flat Rate with Critical Peak Pricing: number of customers enrolled	#	<input type="text" value=""/>	<input type="text" value=""/>
Flat Rate with Peak-Time Rebate: is the pricing program available?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Flat Rate with Peak-Time Rebate: number of customers with access	#	<input type="text" value=""/>	<input type="text" value=""/>
Flat Rate with Peak-Time Rebate: number of customers enrolled	#	<input type="text" value=""/>	<input type="text" value=""/>
Tiered Rate: is the pricing program available?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Tiered Rate: number of customers with access	#	<input type="text" value=""/>	<input type="text" value=""/>
Tiered Rate: number of customers enrolled	#	<input type="text" value=""/>	<input type="text" value=""/>
Tiered Rate with Critical Peak Pricing: is the pricing program available?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Tiered Rate with Critical Peak Pricing: number of customers with access	#	<input type="text" value=""/>	<input type="text" value=""/>
Tiered Rate with Critical Peak Pricing: number of customers enrolled	#	<input type="text" value=""/>	<input type="text" value=""/>
Tiered Rate with Peak-Time Rebate: is the pricing program available?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Tiered Rate with Peak-Time Rebate: number of customers with access	#	<input type="text" value=""/>	<input type="text" value=""/>
Tiered Rate with Peak-Time Rebate: number of customers enrolled	#	<input type="text" value=""/>	<input type="text" value=""/>
Time of Use Rate: is the pricing program available?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Time of Use Rate: number of customers with access	#	<input type="text" value=""/>	<input type="text" value=""/>
Time of Use Rate: number of customers enrolled	#	<input type="text" value=""/>	<input type="text" value=""/>



○ Project:  
○ Filing:

○ Period Start:  
○ Period End:

Time of Use Rate with Critical Peak Pricing: is the pricing program available?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Time of Use Rate with Critical Peak Pricing: number of customers with access	#	<input type="text"/>	<input type="text"/>
Time of Use Rate with Critical Peak Pricing: number of customers enrolled	#	<input type="text"/>	<input type="text"/>
Time of Use Rate with Peak-Time Rebate: is the pricing program available?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Time of Use Rate with Peak-Time Rebate: number of customers with access	#	<input type="text"/>	<input type="text"/>
Time of Use Rate with Peak-Time Rebate: number of customers enrolled	#	<input type="text"/>	<input type="text"/>
Real-time Pricing: is the pricing program available?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Real-time Pricing: number of customers with access	#	<input type="text"/>	<input type="text"/>
Real-time Pricing: number of customers enrolled	#	<input type="text"/>	<input type="text"/>
Real-time Pricing with Critical Peak Pricing: is the pricing program available?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Real-time Pricing with Critical Peak Pricing: number of customers with access	#	<input type="text"/>	<input type="text"/>
Real-time Pricing with Critical Peak Pricing: number of customers enrolled	#	<input type="text"/>	<input type="text"/>
Real-time Pricing with Peak-Time Rebate: is the pricing program available?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Real-time Pricing with Peak-Time Rebate: number of customers with access	#	<input type="text"/>	<input type="text"/>
Real-time Pricing with Peak-Time Rebate: number of customers enrolled	#	<input type="text"/>	<input type="text"/>
Variable Peak Pricing: is the pricing program available?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Variable Peak Pricing: number of customers with access	#	<input type="text"/>	<input type="text"/>
Variable Peak Pricing: number of customers enrolled	#	<input type="text"/>	<input type="text"/>
Pre-pay Pricing: is the pricing program available?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Pre-pay Pricing: number of customers with access	#	<input type="text"/>	<input type="text"/>
Pre-pay Pricing: number of customers enrolled	#	<input type="text"/>	<input type="text"/>
Net Metering: is the pricing program available?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Net Metering: number of customers with access	#	<input type="text"/>	<input type="text"/>
Net Metering: number of customers enrolled	#	<input type="text"/>	<input type="text"/>



○ Project:  
○ Filing:

○ Period Start:  
○ Period End:

Other program available	<input type="text"/>	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Other programs: number of customers with access		#	<input type="text"/>	<input type="text"/>
Other programs: number of customers enrolled		#	<input type="text"/>	<input type="text"/>
Other program available	<input type="text"/>	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Other programs: number of customers with access		#	<input type="text"/>	<input type="text"/>
Other programs: number of customers enrolled		#	<input type="text"/>	<input type="text"/>
Other program available	<input type="text"/>	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Other programs: number of customers with access		#	<input type="text"/>	<input type="text"/>
Other programs: number of customers enrolled		#	<input type="text"/>	<input type="text"/>

Rate Decoupling: is implemented? yes/no

Rate Plan Descriptions 		
Rate Plan	Project	System 
Flat Rate		
Flat Rate with Critical Peak Pricing		
Flat Rate with Peak Time Rebate		
Tiered Rate		
Tiered Rate with Critical Peak Pricing		
Tiered Rate with Peak Time Rebate		
Time of Use Rate		
Time of Use Rate with Critical Peak Pricing		
Time of Use Rate with Peak Time Rebate		
Real-Time Rate		



○ Project:  
○ Filing:

○ Period Start:  
○ Period End:

Real-time Rate with Critical Peak Pricing		
Real-time Rate with Peak Time Rebate		
Variable Peak Pricing		
Pre-paid Rate		
Net Metering Rate		
Other program  <input type="text"/>		
Other program <input type="text"/>		
Other program <input type="text"/>		

Additional Program Descriptions





○ Project:  
○ Filing:

○ Period Start:  
○ Period End:

## Distributed Energy Resources - Build Metrics

### Implemented Distributed Energy and Renewable Devices

	Units	Project	System
Distributed generation: number of units	#		
Distributed generation: installed capacity	kW		
Distributed generation: total energy delivered	kWh		
Energy storage: number of units	#		
Energy storage: installed capacity	kW		
Energy storage: total energy delivered	kWh		
Plug-in electric vehicles charging points: number of units	#		
Plug-in electric vehicles charging points: installed capacity	kW		
Plug-in electric vehicles charging points: total energy delivered	kWh		
DER/DG interconnection equipment: number of units	#		

Project	System
Distributed Generation Interface Description	

Additional Program Descriptions



○ Project:  
○ Filing:

○ Period Start:  
○ Period End:

**Distributed Energy Systems Installed Costs**



	<b>Units</b>	<b>Project Funded</b>	<b>Cost Share</b>
DER Interface Control Systems	\$	<input type="text"/>	<input type="text"/>
Communications Equipment	\$	<input type="text"/>	<input type="text"/>
DER/DG Interconnection Equipment	\$	<input type="text"/>	<input type="text"/>
Renewable DER	\$	<input type="text"/>	<input type="text"/>
Distributed Generation Equipment	\$	<input type="text"/>	<input type="text"/>
Stationary Electric Storage Equipment	\$	<input type="text"/>	<input type="text"/>
PEVs and Charging Stations	\$	<input type="text"/>	<input type="text"/>
Other Costs	\$	<input type="text"/>	<input type="text"/>

Other Costs Description





○ Project:  
○ Filing:

○ Period Start:  
○ Period End:

## Electric Distribution System Assets - Build Metrics 💬

### Implemented Distribution Devices

	Units	Project	System <span style="float: right;">💬</span>
Portion of system with SCADA	%	<input type="text"/>	<input type="text"/>
Portion of system with Distribution Automation (DA)	%	<input type="text"/>	<input type="text"/>
Automated Feeder Switches: number of devices installed	#	<input type="text"/>	<input type="text"/>
Automated Capacitors: number of devices installed	#	<input type="text"/>	<input type="text"/>
Automated Regulators: number of devices installed	#	<input type="text"/>	<input type="text"/>
Feeder Monitors: number of devices installed	#	<input type="text"/>	<input type="text"/>
Remote Fault Indicators: number of devices installed	#	<input type="text"/>	<input type="text"/>
Transformer Monitors (line): number of devices installed	#	<input type="text"/>	<input type="text"/>
Smart Relays: number of devices installed	#	<input type="text"/>	<input type="text"/>
Fault Current Limiter: number of devices installed	#	<input type="text"/>	<input type="text"/>
<input type="text"/> other devices installed	#	<input type="text"/>	<input type="text"/>
<input type="text"/> other devices installed	#	<input type="text"/>	<input type="text"/>
<input type="text"/> other devices installed	#	<input type="text"/>	<input type="text"/>

### DA Applications in Operation

	Units	Project	System
Fault Location, Isolation, and Service Restoration (FLISR): is this application in operation?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Voltage Optimization: is this application in operation?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Feeder Peak Load Management: is this application in operation?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Microgrids: is this application in operation?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Other DA Application: is this application in operation?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>



○ Project:  
○ Filing:

○ Period Start:  
○ Period End:

**Implemented Distribution Management Integration**

	<b>Units</b>	<b>Project</b>	<b>System</b>
AMI: is integration complete?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Outage Management System: is integration complete?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Transmission Management System: is integration complete?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Distributed Energy Resources: is integration complete?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>
Other Systems: is integration complete?	yes/no	<input type="checkbox"/>	<input type="checkbox"/>

<b>Distribution Device Descriptions</b>		
	<b>Project</b>	<b>System</b>
SCADA		
Portion of system with SCADA		
Portion of system with DA		
DA devices		
DA communications network		
Other device		
Other device		
Other device		



○ Project:  
○ Filing:

○ Period Start:  
○ Period End:

Distribution Application Descriptions		
	Project	System
FLISR		
Voltage Optimization		
Feeder Peak Load Management		
Microgrids		
Other DA Applications		

Distribution Management Integration Descriptions		
	Project	System
AMI		
Outage Management		
Transmission Management		
DER Systems		
Distribution Management System		
Other Systems		

Additional Program Descriptions



○ Project:  
○ Filing:

○ Period Start:  
○ Period End:

**Distribution Systems Installed Costs**



		<b>Units</b>	<b>Project Funded</b>	<b>Cost Share</b>
Back Office Systems		\$	<input type="text"/>	<input type="text"/>
Distribution Management System		\$	<input type="text"/>	<input type="text"/>
Communications Equipment and SCADA		\$	<input type="text"/>	<input type="text"/>
Feeder Monitor/Indicator		\$	<input type="text"/>	<input type="text"/>
Substation Monitors		\$	<input type="text"/>	<input type="text"/>
Automated Feeder Switches		\$	<input type="text"/>	<input type="text"/>
Capacitor Automation Equipment		\$	<input type="text"/>	<input type="text"/>
Regulator Automation Equipment		\$	<input type="text"/>	<input type="text"/>
Fault Current Limiter Equipment		\$	<input type="text"/>	<input type="text"/>
Cost of other devices installed:	<input type="text"/>	\$	<input type="text"/>	<input type="text"/>
Cost of other devices installed:	<input type="text"/>	\$	<input type="text"/>	<input type="text"/>
Cost of other devices installed:	<input type="text"/>	\$	<input type="text"/>	<input type="text"/>
Other costs:		\$	<input type="text"/>	<input type="text"/>
Other Cost Description	<input type="text"/>			





○ Project:  
○ Filing:

○ Period Start:  
○ Period End:

**Electrical Transmission System Assets - Build Metrics**

**Implemented Transmission Devices**

Portion of system covered by Phasor Measurement

Portion of system covered by Phasor Measurement by end of project

PMUs: number of extra high voltage (EHV) and above installed and operational

PMUs: number of below EHV installed and operational

Phasor Data Concentrators (PDC)

Dynamic Capability Rating System (DCRS) - Transmission Lines

Dynamic Capability Rating System (DCRS) - Station Transformers

other devices installed

other devices installed

other devices installed

Units	Project	System
%		
%		
#		
#		
#		
#		
#		
#		
#		
#		

**Transmission Applications in Operation**

Angle/Frequency Monitoring

Post-mortem Analysis (including compliance monitoring)

Voltage Stability

Thermal Overload Monitoring

Improved State Estimation

Steady-state Model Benchmarking

DG/IPP Applicatons

Power System Restoration

Units	Project	System
yes/no	<input type="checkbox"/>	<input type="checkbox"/>
yes/no	<input type="checkbox"/>	<input type="checkbox"/>
yes/no	<input type="checkbox"/>	<input type="checkbox"/>
yes/no	<input type="checkbox"/>	<input type="checkbox"/>
yes/no	<input type="checkbox"/>	<input type="checkbox"/>
yes/no	<input type="checkbox"/>	<input type="checkbox"/>
yes/no	<input type="checkbox"/>	<input type="checkbox"/>
yes/no	<input type="checkbox"/>	<input type="checkbox"/>



○ Project:  
○ Filing:

○ Period Start:  
○ Period End:

Transmission Device and Application Descriptions		
	Project	System
PMUs EHV and Above		
PMUs Below EHV		
PDCs		
Communications Network		
Advanced Applications		
Other device <input type="text"/>		
Other device <input type="text"/>		
Other device <input type="text"/>		

Additional Program Descriptions



○ Project:  
○ Filing:

○ Period Start:  
○ Period End:

**Transmission Systems Installed Costs**



**Units      Project Funded      Cost Share**

Back Office Systems		\$	<input type="text"/>	<input type="text"/>
Advanced Applications		\$	<input type="text"/>	<input type="text"/>
Dynamic Rating System		\$	<input type="text"/>	<input type="text"/>
Communications Equipment		\$	<input type="text"/>	<input type="text"/>
PDC		\$	<input type="text"/>	<input type="text"/>
PMU		\$	<input type="text"/>	<input type="text"/>
Line Monitoring Equipment		\$	<input type="text"/>	<input type="text"/>
Cost of other devices installed:	<input type="text"/>	\$	<input type="text"/>	<input type="text"/>
Cost of other devices installed:	<input type="text"/>	\$	<input type="text"/>	<input type="text"/>
Cost of other devices installed:	<input type="text"/>	\$	<input type="text"/>	<input type="text"/>
Other costs:		\$	<input type="text"/>	<input type="text"/>

Other Costs Description

