RECOVERY ACT SELECTIONS FOR SMART GRID INVESTMENT GRANT AWARDS - BY CATEGORY

Category 1 Advanced Metering Infrastructure

Name of Awardee	Recovery Act Funding Awarded	Total Project Value Including Cost Share	Headquarters Location for Lead Applicant	Brief Project Description	Map of Coverage Area
CenterPoint Energy	$200,000,000	$639,187,435	Houston, TX	Complete the installation of 2.2 million smart meters and further strengthen the reliability and self-healing properties of the grid by installing more than 550 sensors and automated switches that will help protect against system disturbances like natural disasters.	http://www.energy.gov/recovery/smartgrid_maps/CenterPointEnergy.JPG
Baltimore Gas and Electric Company	$200,000,000	$472,160,833	Baltimore, MD	Deploy a smart meter network and advanced customer control system for 1.1 million residential customers that will enable dynamic electricity pricing. Expand the utility's direct load control program, which will enhance grid reliability and reduce congestion.	http://www.energy.gov/recovery/smartgrid_maps/BaltimoreGasElectric.JPG
Central Maine Power Company	$95,858,307	$191,716,614	Augusta, ME	Install a smart meter network for all residential, commercial and industrial customers in the utility's service territory - approximately 650,000 meters.	http://www.energy.gov/recovery/smartgrid_maps/CentralMaine.JPG
Salt River Project	$56,859,359	$114,003,718	Tempe, AZ	Expand the utility's smart meter network, adding an additional 540,000 meters, a customer portal, and dynamic pricing that will provide consumers real-time information on energy usage and prices that they can use to reduce their energy bills.	http://www.energy.gov/recovery/smartgrid_maps/SaltRiverProject.JPG
Cleco Power LLC	$20,000,000	$69,026,089	Pineville, LA	Install a smart metering network for all of the utility's customers - over 275,000 meters - that will enable customer interaction and distribution automation.	http://www.energy.gov/recovery/smartgrid_maps/ClecoPower.JPG
Reliant Energy Retail Services, LLC	$19,839,689	$63,696,548	Houston, TX	Install a suite of smart meter products, enabling customers to manage their electricity usage, promote energy efficiency, and lower overall energy costs.	http://www.energy.gov/recovery/smartgrid_maps/ReliantEnergyRetailServices.JPG
South Mississippi Electric Power Association (SMEPA)	$30,563,967	$61,318,005	Hattiesburg, MS	Install 240,000 smart meters and smart grid infrastructure across a range of SMEPA's member cooperatives, providing increased communication and monitoring for the grid.	http://www.energy.gov/recovery/smartgrid_maps/SouthMississippi.JPG
San Diego Gas and Electric Company	$28,115,052	$59,427,645	San Diego, CA	Implement an advanced wireless communications system to provide connection for 1,400,000 smart meters, enable dynamic pricing, and examples of smart equipment that will allow increased monitoring, communication, and control over the electrical system.	http://www.energy.gov/recovery/smartgrid_maps/SanDiegoGasElectrci.JPG
City of Glendale Water and Power	$20,000,000	$51,302,105	Glendale, CA	Install 84,000 smart meters and a meter control system that will provide customers access to data about their electricity usage and enable dynamic rate programs.	http://www.energy.gov/recovery/smartgrid_maps/Glendale.JPG
Denton County Electric Cooperative d/b/a CoServ Electric	$17,205,844	$40,966,296	Corinth, TX	Installation of a 140,000 smart meter network that includes meters, two-way communications, computer systems, and a distribution network that will provide accurate, timely information about customer electricity consumption.	http://www.energy.gov/recovery/smartgrid_maps/CoServ.JPG
Pacific Northwest Generating Cooperative	$19,576,743	$39,172,987	Portland, OR with addtl. benefits in WA, ID, NV, UT and MT	Implement a smart grid system, including more than 95,000 smart meters, substation equipment, and load management devices, that will integrate 15 electric cooperatives across 4 states using a central data collection software system hosted by the Pacific Northwest Generating Cooperative.	http://www.energy.gov/recovery/smartgrid_maps/PacificNorthwest.JPG

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Name of Awardee	**Recovery Act Funding Awarded**	**Total Project Value Including Cost Share**	**Headquarters Location for Lead Applicant**	**Brief Project Description**	**Map of Coverage Area**
Lakeland Electric	$14,850,000	$35,078,152	Lakeland, FL	Install more than 125,000 smart meters network for residential, commercial and industrial electric customers across the utility's service area.	http://www.energy.gov/recovery/smartgrid_maps/LakelandElectric.JPG
Cobb Electric Membership Corporation	$16,893,836	$33,787,672	Marietta, GA	Deploy 190,000 smart meters, covering 100 percent of the utility's customer base. Implement communication infrastructure and load control switches, using state-of-the-art interoperable systems, servers, and data management technologies.	http://www.energy.gov/recovery/smartgrid_maps/CobbElectric.JPG
South Kentucky Rural Electric Cooperative Corporation	$9,538,234	$19,636,295	Somerset, KY	Upgrade the electric metering system to a smart meter network for more than 66,000 families and businesses in rural Kentucky.	http://www.energy.gov/recovery/smartgrid_maps/SouthKentucky.JPG
Black Hills Power, Inc.	$9,576,628	$19,153,256	Rapid City, SD with addtl. benefits in ND and MN	Install 69,000 smart meters, along with the communications infrastructure, IT software, and equipment necessary to operate a fully functional Smart Grid system in service area.	http://www.energy.gov/recovery/smartgrid_maps/BlackHills.JPG
Connecticut Municipal Electric Energy Cooperative	$9,188,050	$18,376,100	Norwich, CT	Build a regional smart meter network infrastructure including 5 municipal utilities and at least 13,000 meters that will allow customers to control their electricity use through time-varying rates and control, communications, and management systems.	http://www.energy.gov/recovery/smartgrid_maps/ConnecticutMunicipalElectricCoop.JPG
Talquin Electric Cooperative, Inc.	$8,100,000	$16,200,000	Quincy, FL	Install a smart meter network system for 56,000 residential and commercial customers in a mainly rural, four-county service area in North Florida. Also integrate an outage management system and geographic information as part of the Smart Grid.	http://www.energy.gov/recovery/smartgrid_maps/Talquin.JPG
Black Hills/Colorado Electric Utility Co.	$6,142,854	$12,285,708	Pueblo, CO	Install 42,000 smart meters and communications infrastructure that will help facilitate meter reading and provide a pilot for a dynamic pricing program.	http://www.energy.gov/recovery/smartgrid_maps/BlackHillColoradoElectric.JPG
Navajo Tribal Utility Association	$4,991,750	$9,983,500	Ft. Defiance, AZ with addtl. benefits in NM and UT	Install a smart grid network and data management system for all of its 38,000 customers. Integrate the smart grid system as part of the distribution network, which will help quickly identify any system outages.	http://www.energy.gov/recovery/smartgrid_maps/Navajo.JPG
Cheyenne Light, Fuel and Power Company	$5,033,441	$10,066,882	Cheyenne, WY	Install 38,000 smart meters and communications infrastructure that will allow consumers to make use of dynamic pricing to reduce their energy use.	http://www.energy.gov/recovery/smartgrid_maps/Cheyenne.JPG
Entergy New Orleans, Inc.	$4,996,968	$10,306,668	New Orleans, LA	Install more than 11,000 residential smart meters and in-home display devices, coupled with dynamic pricing, to reduce energy use and electricity costs for low income families.	http://www.energy.gov/recovery/smartgrid_maps/EntergyNewOrleans.JPG
Sioux Valley Energy	$4,016,368	$8,032,736	Coleman, SD with addtl. benefits in MN	Install a smart grid network across the full customer base - 23,000 smart meters - that will allow for automated electricity readings and additional monitoring of the system in case of outages or disruptions.	http://www.energy.gov/recovery/smartgrid_maps/SiouxValleyEnergy.JPG

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Name of Awardee	**Recovery Act Funding Awarded**	**Total Project Value Including Cost Share**	**Headquarters Location for Lead Applicant**	**Brief Project Description**	**Map of Coverage Area**
Woodruff Electric	$2,357,520	$5,016,000	Forrest City, AR	Install smart meters for more than 13,000 electric cooperative customers that will provide time-of-use data, help monitor demand, and reduce outages.	http://www.energy.gov/recovery/smartgrid_maps/WoodruffEelctric.JPG
City of Quincy, FL	$2,471,041	$4,942,082	Quincy, FL	Deploy a smart grid network across the entire customer base, including two-way communication and dynamic pricing to reduce utility bills.	http://www.energy.gov/recovery/smartgrid_maps/Quincy.JPG
ALLETE, Inc.	$1,544,004	$3,088,008	Duluth, MN	Expand the implementation of Minnesota Power's existing smart meter network by deploying an additional 8,000 meters and new measurement and automation equipment. Will begin a dynamic pricing program.	http://www.energy.gov/recovery/smartgrid_maps/ALLETEMNPower.JPG
City of Fulton, Missouri	$1,527,641	$3,174,962	Fulton, MO	Replace more than 5,000 current electric meters with a smart meter network that includes a dynamic pricing program to reduce consumer energy use.	http://www.energy.gov/recovery/smartgrid_maps/Fulton.JPG
Marblehead Municipal Light Department	$1,346,175	$2,692,350	Marblehead, MA	Install 10,000 smart meters and a pilot program to assess the effectiveness of real-time pricing and automated load management.	http://www.energy.gov/recovery/smartgrid_maps/MarbleheadMunicipalLight.JPG
Tri State Electric Membership Corporation	$1,138,060	$2,428,454	McCaysville, GA with addtl. benefits in TN	Install more than 15,000 smart meters to enable consumers to make use of dynamic pricing options. Expand line monitoring for improved outage detection across the service area.	http://www.energy.gov/recovery/smartgrid_maps/TriState.JPG
Wellsboro Electric Company	$431,625	$961,195	Wellsboro, PA	Implement the "Smart Choices" project, which will deploy smart meter network systems throughout the utility's service territory.	http://www.energy.gov/recovery/smartgrid_maps/WellsboroElectric.JPG
Stanton County Public Power District	$397,000	$794,000	Stanton, NE	Extend existing smart meter network to all metering points by deploying an additional 2,400 smart meters, along with the associated computer software and hardware and data collection systems.	http://www.energy.gov/recovery/smartgrid_maps/StantonCountyPublicPower.JPG
Category 2 Customer Systems					
Name of Awardee	**Recovery Act Funding Awarded**	**Total Project Value Including Cost Share**	**Headquarters Location for Lead Applicant**	**Brief Project Description**	**Map of Coverage Area**
Honeywell International, Inc	$11,384,363	$22,768,726	Danvers, MA	Provide automated peak pricing response for almost 700 commercial and industrial customers. Fully automated demand response will reduce the electricity load during times of peak demand.	http://www.energy.gov/recovery/smartgrid_maps/Honeywell.JPG
City of Tallahassee	$8,890,554	$19,869,787	Tallahassee, FL	Implement a comprehensive demand response program, including smart thermostats and advanced load control systems, that will target residential and commercial customers and lead to an estimated 35 MW reduction in peak power.	http://www.energy.gov/recovery/smartgrid_maps/Tallahassee.JPG
Iowa Association of Municipal Utilities	$5,000,000	$12,531,203	Akeney, IA	75 consumer-owned utilities, serving over 96,000 customers in 3 states, will implement a broad based load control and dynamic pricing program using smart thermostats and web based energy portals.	http://www.energy.gov/recovery/smartgrid_maps/IowaAssoc.JPG

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Name of Awardee	**Recovery Act Funding Awarded**	**Total Project Value Including Cost Share**	**Headquarters Location for Lead Applicant**	**Brief Project Description**	**Map of Coverage Area**
Atheros Communications Inc.	$4,554,800	$9,109,600	Orlando, FL	Modify existing power line communications to enhance smart grid functionality.	http://www.energy.gov/recovery/smartgrid_maps/Intellon.JPG
M2M Communications	$2,171,710	$8,620,913	Boise, ID	Install smart grid-compatible irrigation load control systems in California's central valley agricultural area in order to reduce peak electric demand in the state.	http://www.energy.gov/recovery/smartgrid_maps/M2MCommunications.JPG
Category 3 Electric Distribution Systems					
Name of Awardee	**Recovery Act Funding Awarded**	**Total Project Value Including Cost Share**	**Headquarters Location for Lead Applicant**	**Brief Project Description**	**Map of Coverage Area**
Consolidated Edison Company of New York, Inc.	$136,170,899	$272,341,798	New York, NY with addtl. benefits in NJ	Deploy a wide-range of grid-related technologies, including automation, monitoring and two-way communications, to make the electric grid function more efficiently and enable the integration of renewable resources and energy efficient technologies.	http://www.energy.gov/recovery/smartgrid_maps/ConsolidatedEdisonNY.JPG
Avista Utilities	$20,000,000	$40,000,000	Spokane, WA with addtl. benefits in ID	Implement a distribution management system, intelligent end devices, and a communication network to reduce distribution system loses, enable automatic restoration to customers during outages, and allow for the integration of on-site generating resources.	http://www.energy.gov/recovery/smartgrid_maps/AvistaUtilities.JPG
PPL Electric Utilities Corp.	$19,054,516	$38,109,316	Allentown, PA	Deploy a distribution management system and smart grid technologies to monitor and control the grid in real-time, improve system reliability and energy resource optimization, and provide the infrastructure for distributed generation and broader energy efficiency efforts.	http://www.energy.gov/recovery/smartgrid_maps/PPL.JPG
Atlantic City Electric Company	$18,700,000	$37,400,000	Mays Landing, NJ with addtl. benefits in MD and DC	Deploy 25,000 direct load control devices, intelligent grid sensors, automation technology, and communications infrastructure to enhance grid reliability, optimize the grid's operations, and empower consumers to better manage and control their energy usage	http://www.energy.gov/recovery/smartgrid_maps/AtlanticCityElectric.JPG
Snohomish County Public Utilities District	$15,825,817	$31,651,634	Everett, WA	Install a smart grid framework on the utility side, including a digital telecommunications network, substation automation and a robust distribution system infrastructure, that will allow enable the implementation of future smart grid technologies including smart meters that will provide real time energy use information to customers.	http://www.energy.gov/recovery/smartgrid_maps/SnohomishPUD.JPG
Municipal Electric Authority of Georgia	$12,267,350	$24,534,700	Atlanta, GA	Install information technology and smart grid upgrades throughout the system, including on substations, routers, and network terminal units, to reduce peak demand and system maintenance costs.	http://www.energy.gov/recovery/smartgrid_maps/MunicipalElectrciAuthority.JPG

RECOVERY ACT SELECTIONS FOR SMART GRID INVESTMENT GRANT AWARDS - BY CATEGORY					
Name of Awardee	**Recovery Act Funding Awarded**	**Total Project Value Including Cost Share**	**Headquarters Location for Lead Applicant**	**Brief Project Description**	**Map of Coverage Area**
NSTAR Electric Company	$10,061,883	$20,123,766	Norfolk, MA	Expand the system's distribution automation capabilities by implementing "self-healing" functions on the grid that will reduce the impact of outages on the system and the power quality and efficiency of the distribution grid.	http://www.energy.gov/recovery/smartgrid_maps/NSTARElectric.JPG
Memphis Light, Gas and Water Division	$5,063,469	$13,112,363	Memphis, TN	Install digital upgrades, including a high-speed data communication and control system, to the electric distribution system, which will improve power quality, reduce maintenance costs, and serve as the backbone for future smart grid enhancements.	http://www.energy.gov/recovery/smartgrid_maps/MemphisGasWater.JPG
Hawaii Electric Co. Inc.	$5,347,598	$13,387,881	Oahu, HI	Automate high load distribution circuits feeding eastern Oahu, reducing outage duration and community impacts. Enable workforce retraining and preserve jobs through cross-training and creation of new skill sets within the utility.	http://www.energy.gov/recovery/smartgrid_maps/Hawaii.JPG
Northern Virginia Electric Cooperative	$5,000,000	$10,000,000	Manassas, VA	Expand substation and distribution automation and control, including adding a new two-way communication infrastructure to the existing fiber optic and microwave communications, which will improve system reliability and reduce peak demand.	http://www.energy.gov/recovery/smartgrid_maps/NorthernVirginia.JPG
Wisconsin Power and Light Company	$3,165,704	$6,378,509	Madison, WI	Capitalize on current smart meter network by implementing a power factor management system to minimize overload on distribution lines, transformers and feeder segments, reduce distribution waste, and limit unnecessary power generation.	http://www.energy.gov/recovery/smartgrid_maps/WisconsonPowerandLight.JPG
Powder River Energy Corporation	$2,554,807	$5,109,615	Sundance, WY	Develop a new, secure communications and data network throughout the company's service territory, providing additional monitoring and control of critical grid substations and allowing for the broader integration of distributed generation resources.	http://www.energy.gov/recovery/smartgrid_maps/PowederRiverEenergyCorp.JPG
El Paso Electric	$1,014,414	$2,196,187	El Paso, TX with addtl. benefits in NM	Install distribution automation to increase the monitoring and control of the distribution system and improve power restoration during emergencies.	http://www.energy.gov/recovery/smartgrid_maps/ElPaso.JPG

Category 4 Electric Transmission Systems					
Name of Awardee	**Recovery Act Funding Awarded**	**Total Project Value Including Cost Share**	**Headquarters Location for Lead Applicant**	**Brief Project Description**	**Map of Coverage Area**
Western Electricity Coordinating Council	$53,890,000	$107,780,000	Salt Lake City, UT with addtl. benefits in AZ, CA, CO, ID, MT, NM, NV, OR, SD, TX and WA	Install over 250 phasor measurement units across the Western Interconnection and create a communications system to collect data for real-time situational awareness. Improve integrated systems operation across 11 utility organizations and in all or part of 14 western states, enhancing reliability and reducing energy loss.	http://www.energy.gov/recovery/smartgrid_maps/WesternElectricity.JPG

RECOVERY ACT SELECTIONS FOR SMART GRID INVESTMENT GRANT AWARDS - BY CATEGORY					
Name of Awardee	**Recovery Act Funding Awarded**	**Total Project Value Including Cost Share**	**Headquarters Location for Lead Applicant**	**Brief Project Description**	**Map of Coverage Area**
New York Independent System Operator, Inc.	$37,828,825	$75,710,733	Rensselaer, NY	Deploy a range of smart grid technologies, including 35 new phasor measurement units and 19 phasor data concentrators, across NY to allow area-wide control, and an open, flexible, interoperable, secure, and expandable communications system that will work in concert with the existing control and monitoring systems.	http://www.energy.gov/recovery/smartgrid_maps/NewYorkISO.JPG
Midwest Independent Transmission System Operator	$17,271,738	$34,543,476	Carmel, IN with addtl. benefits in IA, IL, MI, MN, MO, MT, ND, OH, PA, SD, and WI	Install, test, integrate and monitor 150 phasor measurement units in strategic locations across the Midwest on independent transmissions system operators, which will improve the energy dispatching, system reliability and planning capabilities.	http://www.energy.gov/recovery/smartgrid_maps/MidwestISO.JPG
PJM Interconnection, LLC	$13,698,091	$28,203,511	Norristown, PA with addtl. benefits in IL, IN, KY, MD, MI, NC, NJ, OH, PA, VI, and WV	Deploy over 90 phasor measurement units and other digital monitoring and analysis technologies across 10 states that will provide real-time data on the operating conditions of the transmission system, improving reliability and reducing congestion.	http://www.energy.gov/recovery/smartgrid_maps/PJM.JPG
American Transmission Company LLC	$11,444,180	$22,888,360	Waukesha, WI	Build a fiber optics communications network for high-speed communications to maximize the full capability of phasor measurement networks across ATC's transmission system.	http://www.energy.gov/recovery/smartgrid_maps/AmericanTransmissionII.JPG
ISO New England, Incorporated	$7,993,714	$18,087,428	Holyoke, MA with addtl. benefits in CT, ME, NH, RI, and VT	Install 30 synchrophasors and connect the independent systems operators in New England to increase response time to real time system events and reduce congestion by being able to collect and share synchrophasor and disturbance data with other regions for wide area monitoring.	http://www.energy.gov/recovery/smartgrid_maps/ISONewEngland.JPG
Entergy Services, Inc.	$4,611,201	$10,466,358	New Orleans, LA	Build a foundation for increased grid monitoring, including the installation of 18 new phasor measurement units and training and educating grid operators and engineers on the use of phasor technology to improve critical decision making on grid operations.	http://www.energy.gov/recovery/smartgrid_maps/Entergy.JPG
Duke Energy Carolinas, LLC	$3,927,899	$7,855,798	Charlotte, NC	Install 45 phasor measurement units in substations across the Carolinas and upgrade communications infrastructure and technology at the corporate control center.	http://www.energy.gov/recovery/smartgrid_maps/DukeEnergyCarolinas.JPG
American Transmission Company LLC	$1,330,825	$2,661,650	Waukesha, WI	Expand the collection of real time data by installing an additional 3-5 phasor measurement units in geographically diverse sites throughout the ATC electric transmission system in Wisconsin, which will improve monitoring, reduce congestion, and limit costs associated with power interruptions.	http://www.energy.gov/recovery/smartgrid_maps/AmericanTransmission.JPG
Midwest Energy Inc.	$712,257	$1,424,514	Hays, KS	Install new micro-processor based protective relays and communications equipment at Midwest Energy's Knoll Substation to increase transmission system reliability, enhance synchrophasor measurement and concentration, and facilitate the integration of renewable energy.	http://www.energy.gov/recovery/smartgrid_maps/MidwestEnergy.JPG

RECOVERY ACT SELECTIONS FOR SMART GRID INVESTMENT GRANT AWARDS - BY CATEGORY

Category 5 Equipment Manufacturing

Name of Awardee	Recovery Act Funding Awarded	Total Project Value Including Cost Share	Headquarters Location for Lead Applicant	Brief Project Description	Map of Coverage Area
Whirlpool Corporation	$19,330,000	$38,681,000	Benton Harbor, MI	Support the manufacturing of smart appliances to accelerate the commercialization of residential appliances capable of communicating over a home network with other smart technologies. These smart appliances will allow consumers to defer or schedule their energy use, which can lower consumer costs and reduce peak electricity demand.	http://www.energy.gov/recovery/smartgrid_maps/Whirlpool.JPG
Georgia System Operations Corporation Inc.	$6,456,501	$12,913,003	Tucker, GA	Upgrade computer systems to instantaneously and automatically communicate information about disruptions or changes in flow on the grid, enhancing reliability and security of the grid; and to use digital controls to manage and modify electricity demand.	http://www.energy.gov/recovery/smartgrid_maps/GeorgiaSystems.JPG

Category 6 Integrated and/or Crosscutting Systems

Name of Awardee	Recovery Act Funding Awarded	Total Project Value Including Cost Share	Headquarters Location for Lead Applicant	Brief Project Description	Map of Coverage Area
Florida Power & Light Company	$200,000,000	$578,963,314	Miami, FL	Energy Smart Florida is a comprehensive project to advance implementation of the Smart Grid, including installing over 2.6 million smart meters, 9,000 intelligent distribution devices, 45 phasors, and advanced monitoring equipment in over 270 substations. By incorporating intelligence into the transmission, distribution and customer systems, the utility will be able to anticipate and respond to grid disturbances, empower customers through alternative rate programs, and enable the integration of renewable and on-site energy sources.	http://www.energy.gov/recovery/smartgrid_maps/FloridaPowerandLight.JPG
Duke Energy Business Services LLC	$200,000,000	$688,480,400	Charlotte, NC with addtl. benefits in IN and OH	Comprehensive grid modernization for Duke Energy's Midwest electric system encompassing Ohio, Indiana, and Kentucky. Includes installing open, interoperable, two-way communications networks, deploying smart meters for 1.4 million customers, automating advanced distribution applications, developing dynamic pricing programs, and supporting the deployment of plug-in electric vehicles.	http://www.energy.gov/recovery/smartgrid_maps/DukeEnergyBusinessServices.JPG
Progress Energy Service Company, LLC	$200,000,000	$520,000,000	Raleigh, NC with addtl. benefits in SC	Build a green Smart Grid virtual power plant through conservation, efficiency and advanced load shaping technologies, including installation of over 160,000 meters across its multi-state service area.	http://www.energy.gov/recovery/smartgrid_maps/ProgressEnergy.JPG
PECO Energy Company	$200,000,000	$415,118,677	Philadelphia, PA	Deploy smart meters to all 600,000 customers, upgrade communication infrastructure to support a smart meter network, install 7 "intelligent" substations, and accelerate deployment of more reliable and secure smart grid technologies that will reduce peak energy load and increase cost savings.	http://www.energy.gov/recovery/smartgrid_maps/PECOEnergy.JPG

RECOVERY ACT SELECTIONS FOR SMART GRID INVESTMENT GRANT AWARDS - BY CATEGORY					
Name of Awardee	**Recovery Act Funding Awarded**	**Total Project Value Including Cost Share**	**Headquarters Location for Lead Applicant**	**Brief Project Description**	**Map of Coverage Area**
Southern Company Services, Inc.	$164,527,160	$330,130,420	Birmingham, AL with addtl. benefits in FL, GA, MS, NC and SC	Deploy five integrated smart grid technology systems that enhance energy efficiency, cyber security, distribution and transmission line automation, and smart power substations that will reduce energy load and save money for consumers.	http://www.energy.gov/recovery/smartgrid_maps/SouthernCompany.JPG
Sacramento Municipal Utility District	$127,506,261	$308,406,477	Sacramento, CA	Install a comprehensive regional smart grid system from transmission to the customer that includes 600,000 smart meters, dynamic pricing, 100 electric vehicle charging stations and 50,000 demand response controls including programmable smart thermostats, home energy management systems.	http://www.energy.gov/recovery/smartgrid_maps/Sacramento.JPG
NV Energy, Inc.	$138,877,906	$277,755,812	Las Vegas, NV	Integrate smart grid technologies, including dynamic pricing, customer communications and in-home networks, grid monitoring, distribution automation, distributed renewables, and electric vehicles, including the installation of a network of 1,300,000 smart meters.	http://www.energy.gov/recovery/smartgrid_maps/NVEnergy.JPG
Oklahoma Gas and Electric Company	$130,000,000	$357,376,037	Oklahoma City, OK with addtl. benefits in AR	Deploy a smart grid network that will provide 771,000 meters to 100% of its customers, combining in-home technology with dynamic price response programs, and implement advanced distribution automation technologies that will facilitate "self-healing" and power restoring properties on the grid.	http://www.energy.gov/recovery/smartgrid_maps/OklahomaGasElectric.JPG
Electric Power Board of Chattanooga	$111,567,606	$226,707,000	Chattanooga, TN with addtl. benefits in GA	Deploy a smart meter network to all 170,000 utility customers, complete fiber extension construction throughout the service area, automate subtransmission and distribution systems, enable customer systems, and allow modeling for dynamic energy pricing.	http://www.energy.gov/recovery/smartgrid_maps/ElectricPowerBoardOfChattanooga.JPG
Potomac Electric Power Company (PEPCO)	$104,780,549	$209,561,098	Washington, DC with addtl. benefits in MD	In the Maryland service area, install 570,000 smart meters with network interface; institute dynamic pricing programs, and deploy distribution automation and communication infrastructure technology to enhance grid operations.	http://www.energy.gov/recovery/smartgrid_maps/PEPCOMD.JPG
Detroit Edison Company	$83,828,878	$169,133,271	Detroit, MI	The SmartCurrents program includes three projects: deploy a large-scale network of 660,000 smart meters; implement the Smart Home program which will provide customer benefits such as dynamic pricing to 5,000 customers and smart appliances to 300 customers; and Smart Circuit to improve grid distribution operations through circuit upgrades, information systems and other improvements.	http://www.energy.gov/recovery/smartgrid_maps/DetroitEdisonCo.JPG
Vermont Transco, LLC	$68,928,650	$137,857,302	Rutland, VT	Expand the deployment of Vermont smart meters from the current 28,000 to 300,000, implement customer systems such as in-home displays and digitally controlled appliances, secure control systems for substations and generation facilities, and automate the electric distribution and transmission system grids.	http://www.energy.gov/recovery/smartgrid_maps/VermontTransco.JPG

RECOVERY ACT SELECTIONS FOR SMART GRID INVESTMENT GRANT AWARDS - BY CATEGORY					
Name of Awardee	**Recovery Act Funding Awarded**	**Total Project Value Including Cost Share**	**Headquarters Location for Lead Applicant**	**Brief Project Description**	**Map of Coverage Area**
FirstEnergy Service Company	$57,470,137	$114,940,274	Akron, OH with addtl. benefits in PA	Modernize the electrical grid and reduce peak energy demand by leveraging the crosscutting nature of different smart grid technologies, including significant communication and information management systems, deploying a smart meter network and automating the distribution system.	http://www.energy.gov/recovery/smartgrid_maps/FirstEnergy.JPG
Idaho Power Company	$47,000,000	$94,000,000	Boise, ID with addtl. benefits in OR	Modernize the electric transmission and distribution infrastructure, including deploying a smart meter network for all 475,000 customers throughout the service area and implementing an outage management system and irrigation load control program that will reduce peak and overall energy use and improve system reliability.	http://www.energy.gov/recovery/smartgrid_maps/IdahoPower.JPG
Potomac Electric Power Company (PEPCO)	$44,580,549	$89,161,098	Washington, DC with addtl. benefits in MD	Install 280,000 smart meters equipped with the network interface, institute dynamic pricing programs, and deploy distribution automation and communication infrastructure technology to reduce peak load demand and improve grid efficiency.	http://www.energy.gov/recovery/smartgrid_maps/PEPCODC.JPG
Southwest Transmission Cooperative, Inc.	$32,244,485	$64,488,970	Benson, AZ	Upgrade and automate the transmission, distribution and customer service systems, including smart meters for more than 44,150 customers and the installation of communication and digital infrastructure to support the two-way flow of information between the utility and its customers.	http://www.energy.gov/recovery/smartgrid_maps/SouthwestTransmission Coop.JPG
Burbank Water and Power	$20,000,000	$60,305,890	Burbank, CA	Deploy multiple integrated smart grid technologies, including 51,000 electric smart meters and a connected smart meter network for water usage, Customer Smart Choice, Energy Demand Management programs, and enhanced grid security systems.	http://www.energy.gov/recovery/smartgrid_maps/Burbank.JPG
Indianapolis Power and Light Company	$20,000,000	$48,900,000	Indianapolis, IN	Install more than 28,000 meters, including commercial, industrial and residential customers, provide energy use information to customers, improve service restoration and efficiency, and enable two-way communications and control capabilities for the grid.	http://www.energy.gov/recovery/smartgrid_maps/IndianapolisPowerLight.JPG
Golden Spread Electric Cooperative, Inc.	$17,263,115	$43,157,788	Amarillo, TX	Install a network of 70,000 smart meters and associated smart grid equipment, including communication devices in substations and an enhanced cyber security system, that will help manage grid data and quickly restore power following outages.	http://www.energy.gov/recovery/smartgrid_maps/GoldenSpreadElectricCoop.JPG
Westar Energy, Inc.	$19,041,565	$39,290,749	Topeka, KS	Implement technologies to transition the community into a smart energy city, including deploying 48,000 smart meters, advanced distribution automation equipment, smart grid management software, and web-based customer engagement tools that will empower consumers to reduce their energy use and limit peak energy demand.	http://www.energy.gov/recovery/smartgrid_maps/WestarEnergy.JPG

RECOVERY ACT SELECTIONS FOR SMART GRID INVESTMENT GRANT AWARDS - BY CATEGORY					
Name of Awardee	**Recovery Act Funding Awarded**	**Total Project Value Including Cost Share**	**Headquarters Location for Lead Applicant**	**Brief Project Description**	**Map of Coverage Area**
City of Fort Collins Utilities	$18,101,263	$36,202,526	Fort Collins, CO	Install 79,000 smart meters and in-home demand response systems including in-home displays, smart thermostats and air conditioning and water heater control switches, automate transmission and distribution systems, and enhance grid security.	http://www.energy.gov/recovery/smartgrid_maps/FortCollins.JPG
New Hampshire Electric Cooperative	$15,815,225	$35,144,945	Plymouth, NH	Modernize the distribution and metering system by deploying advanced meters for all 75,000 members and installing a wide area telecom network consisting of microwave and fiber links throughout the service territory.	http://www.energy.gov/recovery/smartgrid_maps/NewHampshireElectricCoop.JPG
Guam Power Authority	$16,603,507	$33,207,014	Hagatna, GU	Deploy 46,000 smart meters to all of the utility's customers, install automation technologies on the electric distribution system, and implement the infrastructure needed to support a two-way flow of energy and information.	http://www.energy.gov/recovery/smartgrid_maps/GuamPowerAuthority.JPG
Rappahannock Electric Cooperative	$15,694,097	$31,388,194	Fredericksburg, VA	Implement digital improvements and upgrades in communication infrastructure, advanced meters, cyber security equipment, and digital automation to reduce peak demand and improve system reliability.	http://www.energy.gov/recovery/smartgrid_maps/Rappahannock.JPG
JEA	$13,031,547	$26,204,891	Jacksonville, FL	Upgrade metering and data management infrastructure; install 3,000 smart meters with two-way communications, introduce a dynamic pricing pilot, enhance the existing IT system, and implement consumer engagement software to provide consumers with detailed energy use data.	http://www.energy.gov/recovery/smartgrid_maps/JEA.JPG
Lafayette Consolidated Government, LA	$11,630,000	$23,260,000	Lafayette, LA	Install more than 57,000 smart meters to reach the full service territory with two-way communications, enable consumers to reduce energy use with smart appliances and dynamic pricing, and automate the electric transmission and distribution systems to improve monitoring and reliability.	http://www.energy.gov/recovery/smartgrid_maps/Lafayette.JPG
City of Naperville, Illinois	$10,994,110	$21,988,220	Naperville, IL	Deploy more than 57,000 smart meters and install the infrastructure and software necessary to support and integrate various smart grid functions and the two-way flow of information between the utility and customers.	http://www.energy.gov/recovery/smartgrid_maps/CityofNaperville.JPG
Central Lincoln People's Utility District	$9,936,950	$19,873,900	Newport, OR	Provide two-way communication between the utility and all of its 38,000 customers through a smart grid network and other in-home energy management tools. Deploy smart grid communication and control technology to optimize distribution system reliability and efficiency, restore energy quickly following outages, and empower consumers to reduce their energy use.	http://www.energy.gov/recovery/smartgrid_maps/CentralLincoln.JPG

RECOVERY ACT SELECTIONS FOR SMART GRID INVESTMENT GRANT AWARDS - BY CATEGORY					
Name of Awardee	**Recovery Act Funding Awarded**	**Total Project Value Including Cost Share**	**Headquarters Location for Lead Applicant**	**Brief Project Description**	**Map of Coverage Area**
City of Leesburg, Florida	$9,748,812	$19,497,625	Leesburg, FL	Enable new energy efficiency and conservation programs to all 23,000 electric consumers through deployment of smart meter networks, energy management for municipal buildings, integrated distributed generation, and new substation power transformer with enhanced monitoring and control. Key consumer initiatives include time differentiated rates and demand response options for reducing peak load.	http://www.energy.gov/recovery/smartgrid_maps/Leesburg.JPG
Town of Danvers, MA	$8,476,800	$16,953,600	Danvers, MA	Deploy more than 12,000 smart meters for the full customer base, upgrade cyber security systems, and automate outage management and other distribution operations with the goal of achieving full interoperability between all of the various systems.	http://www.energy.gov/recovery/smartgrid_maps/TownOFDanvers.JPG
City of Anaheim	$5,896,025	$12,167,050	Anaheim, CA	Upgrade and enhance the city's smart grid network and demand response systems, including installing 35,000 residential meters, as well as security and data systems, which will help reduce peak load and line losses.	http://www.energy.gov/recovery/smartgrid_maps/CityOFAnaheim.JPG
Madison Gas and Electric Company	$5,550,941	$11,101,882	Madison, WI	Install a network of 1,750 smart meters, automate distribution, and install a network of 12 public charging stations and 25 in-home vehicle charging management systems for plug-in hybrid and electric vehicles.	http://www.energy.gov/recovery/smartgrid_maps/MadisonGasElectric.JPG
City of Wadsworth, OH	$5,411,769	$10,823,538	Wadsworth, OH	Deploy smart meters to more than 12,500 of the city's customers, implement the communications infrastructure needed for two-way communications, automate distribution and substation operations, enhance cyber security systems, and prepare the grid for the broader deployment of plug-in hybrid electric vehicle charging.	http://www.energy.gov/recovery/smartgrid_maps/Wadsworth.JPG
City of Ruston, Louisiana	$4,331,650	$9,168,000	Ruston, LA	Develop a fully functioning Smart Grid by improving customer systems, automating electricity distribution, and deploying a smart meter network and data management system. The smart grid will reduce consumer energy use and limit system losses.	http://www.energy.gov/recovery/smartgrid_maps/Ruston.JPG
Knoxville Utilities Board	$3,585,022	$9,356,989	Knoxville, TN	Deploy smart meters to 3,800 customers and install smart grid communications and substation automation to the service territory in and around the University of Tennessee	http://www.energy.gov/recovery/smartgrid_maps/KnoxvilleUtilitiesBoard.JPG
Modesto Irrigation District	$1,493,149	$2,986,298	Modesto, CA	Install 4,000 smart meters, enhance the electricity distribution system to help reduce peak demand and overall system losses, and developing improved customer service programs including dynamic pricing, billing system modifications, and education and outreach efforts.	http://www.energy.gov/recovery/smartgrid_maps/Modesto.JPG

RECOVERY ACT SELECTIONS FOR SMART GRID INVESTMENT GRANT AWARDS - BY CATEGORY					
Name of Awardee	**Recovery Act Funding Awarded**	**Total Project Value Including Cost Share**	**Headquarters Location for Lead Applicant**	**Brief Project Description**	**Map of Coverage Area**
City of Auburn, IN	$2,075,080	$4,150,160	Auburn, IN	Integrate and modernize multiple components within the electrical system, including installing a smart meter network, enhancing reliable and fast communication capabilities, upgrading cyber security technologies, expanding grid monitoring and improving responses to power outages.	http://www.energy.gov/recovery/smartgrid_maps/CityOfAuburn.JPG
Cuming County Public Power District	$1,874,994	$3,749,988	West Point, NE	Install communications infrastructures and deploy control software to enable Smart Grid distribution functions for Cuming County Public Power District and Stanton County Public Power District distribution systems.	http://www.energy.gov/recovery/smartgrid_maps/CUmiongPublicPowerDistrict.JPG
Vineyard Energy Project	$787,250	$1,574,500	West Tisbury, MA	Deploy a range of smart grid technologies, including smart appliances, an interface for plug-in hybrid electric vehicles, and a demand response program that will help enable the integration of solar and wind resources onto the grid.	http://www.energy.gov/recovery/smartgrid_maps/VineyardEnergy.JPG
The above projects have received an award.					