RECOVERY ACT SELECTIONS FOR SMART GRID INVESTMENT GRANT AWARDS - BY STATE						
HQ State	HQ City	Name of Awardee	Brief Project Description	Recovery Act Funding	Total Project Value Including Cost Share	Map of Project Coverage Area
AL	Birmingham	Southern Company Services, Inc.	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. Will also benefit customers in FL, GA, MS, NC and SC.	$164,527,160	$330,130,420	http://www.energy.gov/recovery/smartgrid_maps/SouthernCompany.JPG
Alabama Total				$164,527,160	$330,130,420	
AR	Forrest City	Woodruff Electric	Install smart meters for more than 13,000 electric cooperative customers that will provide time-of-use data, help monitor demand, and reduce outages.	$2,357,520	$5,016,000	http://www.energy.gov/recovery/smartgrid_maps/WoodruffEelctric.JPG
Arkansas Total				$2,357,520	$5,016,000	
AZ	Tempe	Salt River Project	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.	$56,859,359	$114,003,719	http://www.energy.gov/recovery/smartgrid_maps/SaltRiverProject.JPG
	Benson	Southwest Transmission Cooperative, Inc.	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.	$32,244,485	$64,488,970	http://www.energy.gov/recovery/smartgrid_maps/SouthwestTransmission_Coop.JPG
	Ft. Defiance	Navajo Tribal Utility Association	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. Will also benefit customers in NM and UT.	$4,991,750	$9,983,500	http://www.energy.gov/recovery/smartgrid_maps/Navajo.JPG
Arizona Total				$94,095,594	$188,476,189	
CA	Sacramento	Sacramento Municipal Utility District	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.	$127,506,261	$308,406,477	http://www.energy.gov/recovery/smartgrid_maps/Sacramento.JPG
	Burbank	Burbank Water and Power	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.	$20,000,000	$60,305,890	http://www.energy.gov/recovery/smartgrid_maps/Burbank.JPG
	San Diego	San Diego Gas and Electric Company	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.	$28,115,052	$59,427,645	http://www.energy.gov/recovery/smartgrid_maps/SanDiegoGasElectrci.JPG

RECOVERY ACT SELECTIONS FOR SMART GRID INVESTMENT GRANT AWARDS - BY STATE						
HQ State	HQ City	Name of Awardee	Brief Project Description	Recovery Act Funding	Total Project Value Including Cost Share	Map of Project Coverage Area
	Glendale	City of Glendale Water and Power	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.	$20,000,000	$51,302,105	http://www.energy.gov/recovery/smartgrid_maps/Glendale.JPG
	Anaheim	City of Anaheim	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.	$5,896,025	$12,167,050	http://www.energy.gov/recovery/smartgrid_maps/CityOFAnaheim.JPG
	Modesto	Modesto Irrigation District	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.	$1,493,149	$2,986,298	http://www.energy.gov/recovery/smartgrid_maps/Modesto.JPG
California Total				$203,010,487	$494,595,465	
CO	Fort Collins	City of Fort Collins Utilities	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.	$18,101,263	$36,202,526	http://www.energy.gov/recovery/smartgrid_maps/FortCollins.JPG
	Pueblo	Black Hills/Colorado Electric Utility Co.	Install 42,000 smart meters and communications infrastructure that will help facilitate meter reading and provide a pilot for a dynamic pricing program.	$6,142,854	$12,285,708	http://www.energy.gov/recovery/smartgrid_maps/BlackHillColoradoElectric.JPG
Colorado Total				$24,244,117	$48,488,234	
CT	Norwich	Connecticut Municipal Electric Energy Cooperative	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.	$9,188,050	$18,376,100	http://www.energy.gov/recovery/smartgrid_maps/ConnecticutMunicipalElectricCoop.JPG
Connecticut Total				$9,188,050	$18,376,100	
DC	Washington	Potomac Electric Power Company (PEPCO)	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.	$104,780,549	$209,561,098	http://www.energy.gov/recovery/smartgrid_maps/PEPCOMD.JPG
	Washington	Potomac Electric Power Company (PEPCO)	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. Will also benefit customers in MD.	$44,580,549	$89,161,098	http://www.energy.gov/recovery/smartgrid_maps/PEPCODC.JPG
Washington DC Total				$149,361,098	$298,722,195	

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FL	Miami	Florida Power & Light Company	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.	$200,000,000	$578,963,314	http://www.energy.gov/recovery/smartgrid_maps/FloridaPowerandLight.JPG
	Lakeland	Lakeland Electric	Install more than 125,000 smart meters network for residential, commercial and industrial electric customers across the utility's service area.	$14,850,000	$35,078,152	http://www.energy.gov/recovery/smartgrid_maps/LakelandElectric.JPG
	Jacksonville	JEA	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.	$13,031,547	$26,204,891	http://www.energy.gov/recovery/smartgrid_maps/JEA.JPG
	Leesburg	City of Leesburg, Florida	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.	$9,748,812	$19,497,625	http://www.energy.gov/recovery/smartgrid_maps/Leesburg.JPG
	Tallahassee	City of Tallahassee	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.	$8,890,554	$19,869,787	http://www.energy.gov/recovery/smartgrid_maps/Tallahassee.JPG
	Quincy	Talquin Electric Cooperative, Inc.	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.	$8,100,000	$16,200,000	http://www.energy.gov/recovery/smartgrid_maps/Talquin.JPG
	Orlando	Atheros Communications Inc.	Modify existing power line communications to enhance smart grid functionality.	$4,554,800	$9,109,600	http://www.energy.gov/recovery/smartgrid_maps/Intellon.JPG
	Quincy	City of Quincy, FL	Deploy a smart grid network across the entire customer base, including two-way communication and dynamic pricing to reduce utility bills.	$2,471,041	$4,942,082	http://www.energy.gov/recovery/smartgrid_maps/Quincy.JPG
Florida Total				$261,646,754	$709,865,451	
GA	Marietta	Cobb Electric Membership Corporation	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.	$16,893,836	$33,787,672	http://www.energy.gov/recovery/smartgrid_maps/CobbElectric.JPG

RECOVERY ACT SELECTIONS FOR SMART GRID INVESTMENT GRANT AWARDS - BY STATE						
HQ State	HQ City	Name of Awardee	Brief Project Description	Recovery Act Funding	Total Project Value Including Cost Share	Map of Project Coverage Area
	Atlanta	Municipal Electric Authority of Georgia	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.	$12,267,350	$24,534,700	http://www.energy.gov/recovery/smartgrid_maps/MunicipalElectrciAuthority.JPG
	Tucker	Georgia System Operations Corporation Inc.	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.	$6,456,501	$12,913,003	http://www.energy.gov/recovery/smartgrid_maps/GeorgiaSystems.JPG
	McCaysville	Tri State Electric Membership Corporation	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. Will also benefit customers in TN.	$1,138,060	$2,428,454	http://www.energy.gov/recovery/smartgrid_maps/TriState.JPG
Georgia Total				$36,755,747	$73,663,829	
GU	Hagatna	Guam Power Authority	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.	$16,603,507	$33,207,014	http://www.energy.gov/recovery/smartgrid_maps/GuamPowerAuthority.JPG
Guam Total				$16,603,507	$33,207,014	
HI	Oahu	Hawaii Electric Co. Inc.	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.	$5,347,598	$13,387,881	http://www.energy.gov/recovery/smartgrid_maps/Hawaii.JPG
Hawaii Total				$5,347,598	$13,387,881	
IA	Akeney	Iowa Association of Municipal Utilities	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.	$5,000,000	$12,531,203	http://www.energy.gov/recovery/smartgrid_maps/IowaAssoc.JPG
Iowa Total				$5,000,000	$12,531,203	
ID	Boise	Idaho Power Company	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. Will also benefit customers in OR.	$47,000,000	$94,000,000	http://www.energy.gov/recovery/smartgrid_maps/IdahoPower.JPG
	Boise	M2M Communications	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.	$2,171,710	$8,620,913	http://www.energy.gov/recovery/smartgrid_maps/M2MCommunications.JPG
Idaho Total				$49,171,710	$102,620,913	

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HQ State	HQ City	Name of Awardee	Brief Project Description	Recovery Act Funding	Total Project Value Including Cost Share	Map of Project Coverage Area
IL	Naperville	City of Naperville, Illinois	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.	$10,994,110	$21,988,220	http://www.energy.gov/recovery/smartgrid_maps/CityofNaperville.JPG
Illinois Total				$10,994,110	$21,988,220	
IN	Indianapolis	Indianapolis Power and Light Company	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.	$20,000,000	$48,900,000	http://www.energy.gov/recovery/smartgrid_maps/IndianapolisPowerLight.JPG
	Carmel	Midwest Independent Transmission System Operator	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. Will also benefit customers in IA, IL, MI, MN, MO, MT, ND, OH, PA, SD, and WI.	$17,271,738	$34,543,476	http://www.energy.gov/recovery/smartgrid_maps/MidwestISO.JPG
	Auburn	City of 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.	$2,075,080	$4,150,160	http://www.energy.gov/recovery/smartgrid_maps/CityOfAuburn.JPG
Indiana Total				$39,346,818	$87,593,636	
KS	Topeka	Westar Energy, Inc.	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.	$19,041,565	$39,290,749	http://www.energy.gov/recovery/smartgrid_maps/WestarEnergy.JPG
	Hays	Midwest Energy Inc.	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.	$712,257	$1,424,514	http://www.energy.gov/recovery/smartgrid_maps/MidwestEnergy.JPG
Kansas Total				$19,753,822	$40,715,263	
KY	Somerset	South Kentucky Rural Electric Cooperative Corporation	Upgrade the electric metering system to a smart meter network for more than 66,000 families and businesses in rural Kentucky.	$9,538,234	$19,636,295	http://www.energy.gov/recovery/smartgrid_maps/SouthKentucky.JPG
Kentucky Total				$9,538,234	$19,636,295	

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LA	Pineville	Cleco Power LLC	Install a smart metering network for all of the utility's customers - over 275,000 meters - that will enable customer interaction and distribution automation.	$20,000,000	$69,026,089	http://www.energy.gov/recovery/smartgrid_maps/ClecoPower.JPG
	Lafayette	Lafayette Consolidated Government, 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.	$11,630,000	$23,260,000	http://www.energy.gov/recovery/smartgrid_maps/Lafayette.JPG
	New Orleans	Entergy New Orleans, Inc.	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.	$4,996,968	$10,306,668	http://www.energy.gov/recovery/smartgrid_maps/EntergyNewOrleans.JPG
	New Orleans	Entergy Services, Inc.	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.	$4,611,201	$10,466,358	http://www.energy.gov/recovery/smartgrid_maps/Entergy.JPG
	Ruston	City of Ruston, Louisiana	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.	$4,331,650	$9,168,000	http://www.energy.gov/recovery/smartgrid_maps/Ruston.JPG
Louisiana Total				$45,569,819	$122,227,115	
MA	Danvers	Honeywell International, Inc	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.	$11,384,363	$22,768,726	http://www.energy.gov/recovery/smartgrid_maps/Honeywell.JPG
	Norfolk	NSTAR Electric Company	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.	$10,061,883	$20,123,766	http://www.energy.gov/recovery/smartgrid_maps/NSTARElectric.JPG
	Danvers	Town of 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.	$8,476,800	$16,953,600	http://www.energy.gov/recovery/smartgrid_maps/TownOFDanvers.JPG

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	Holyoke	ISO New England, Incorporated	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. Will also benefit customers in CT, ME, NH, RI, and VT.	$7,993,714	$18,087,428	http://www.energy.gov/recovery/smartgrid_maps/ISONewEngland.JPG
	Marblehead	Marblehead Municipal Light Department	Install 10,000 smart meters and a pilot program to assess the effectiveness of real-time pricing and automated load management.	$1,346,175	$2,692,350	http://www.energy.gov/recovery/smartgrid_maps/MarbleheadMunicipalLight.JPG
	West Tisbury	Vineyard Energy Project	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.	$787,250	$1,574,500	http://www.energy.gov/recovery/smartgrid_maps/VineyardEnergy.JPG
Massachusetts Total				$40,050,185	$82,200,370	
MD	Baltimore	Baltimore Gas and Electric Company	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.	$200,000,000	$472,160,833	http://www.energy.gov/recovery/smartgrid_maps/BaltimoreGasElectric.JPG
Maryland Total				$200,000,000	$472,160,833	
ME	Augusta	Central Maine Power Company	Install a smart meter network for all residential, commercial and industrial customers in the utility's service territory - approximately 650,000 meters.	$95,858,307	$191,716,614	http://www.energy.gov/recovery/smartgrid_maps/CentralMaine.JPG
Maine Total				$95,858,307	$191,716,614	
MI	Detroit	Detroit Edison Company	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.	$83,828,878	$169,133,271	http://www.energy.gov/recovery/smartgrid_maps/DetroitEdisonCo.JPG
	Benton Harbor	Whirlpool Corporation	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.	$19,330,000	$38,681,000	http://www.energy.gov/recovery/smartgrid_maps/Whirlpool.JPG
Michigan Total				$103,158,878	$207,814,271	
MN	Duluth	ALLETE Inc., d/b/a Minnesota Power	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.	$1,544,004	$3,088,008	http://www.energy.gov/recovery/smartgrid_maps/ALLETEMNPower.JPG
Minnesota Total				$1,544,004	$3,088,008	

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MO	Fulton	City of Fulton, Missouri	Replace more than 5,000 current electric meters with a smart meter network that includes a dynamic pricing program to reduce consumer energy use.	$1,527,641	$3,174,962	http://www.energy.gov/recovery/smartgrid_maps/Fulton.JPG
Missouri Total				$1,527,641	$3,174,962	
MS	Hattiesburg	South Mississippi Electric Power Association (SMEPA)	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.	$30,563,967	$61,318,005	http://www.energy.gov/recovery/smartgrid_maps/SouthMississippi.JPG
Mississippi Total				$30,563,967	$61,318,005	
NC	Charlotte	Duke Energy Business Services LLC	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. Will also benefit customers in IN and OH.	$200,000,000	$688,480,400	http://www.energy.gov/recovery/smartgrid_maps/DukeEnergyBusinessServices.JPG
	Raleigh	Progress Energy Service Company, LLC	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. Will also benefit customers in SC.	$200,000,000	$520,000,000	http://www.energy.gov/recovery/smartgrid_maps/ProgressEnergy.JPG
	Charlotte	Duke Energy Carolinas, LLC	Install 45 phasor measurement units in substations across the Carolinas and upgrade communications infrastructure and technology at the corporate control center.	$3,927,899	$7,855,798	http://www.energy.gov/recovery/smartgrid_maps/DukeEnergyCarolinas.JPG
North Carolina Total				$403,927,899	$1,216,336,198	
NE	West Point	Cuming County Public Power District	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.	$1,874,994	$3,749,988	http://www.energy.gov/recovery/smartgrid_maps/CUmiongPublicPowerDistrict.JPG
	Stanton	Stanton County Public Power District	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.	$397,000	$794,000	http://www.energy.gov/recovery/smartgrid_maps/StantonCountyPublicPower.JPG
Nebraska Total				$2,271,994	$4,543,988	
NH	Plymouth	New Hampshire Electric Cooperative	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.	$15,815,225	$35,144,945	http://www.energy.gov/recovery/smartgrid_maps/NewHampshireElectricCoop.JPG
New Hampshire Total				$15,815,225	$35,144,945	

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NJ	Mays Landing	Atlantic City Electric Company	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. Will also benefit customers in DC and MD.	$18,700,000	$37,400,000	http://www.energy.gov/recovery/smartgrid_maps/AtlanticCityElectric.JPG
New Jersey Total				$18,700,000	$37,400,000	
NV	Las Vegas	NV Energy, Inc.	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.	$138,877,906	$277,755,812	http://www.energy.gov/recovery/smartgrid_maps/NVEnergy.JPG
Nevada Total				$138,877,906	$277,755,812	
NY	New York	Consolidated Edison Company of New York, Inc.	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. Will also benefit customers in NJ.	$136,170,899	$272,341,798	http://www.energy.gov/recovery/smartgrid_maps/ConsolidatedEdisonNY.JPG
	Rensselaer	New York Independent System Operator, Inc.	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.	$37,828,825	$75,710,733	http://www.energy.gov/recovery/smartgrid_maps/NewYorkISO.JPG
New York Total				$173,999,724	$348,052,531	
OH	Akron	FirstEnergy Service Company	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. Will also benefit customers in PA.	$57,470,137	$114,940,274	http://www.energy.gov/recovery/smartgrid_maps/FirstEnergy.JPG
	Wadsworth	City of 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.	$5,411,769	$10,823,538	http://www.energy.gov/recovery/smartgrid_maps/Wadsworth.JPG
Ohio Total				$62,881,906	$125,763,812	

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OK	Oklahoma City	Oklahoma Gas and Electric Company	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. Will also benefit customers in AR.	$130,000,000	$357,376,037	http://www.energy.gov/recovery/smartgrid_maps/OklahomaGasElectric.JPG
Oklahoma Total				$130,000,000	$357,376,037	
OR	Portland	Pacific Northwest Generating Cooperative	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. Will also benefit customers in WA, ID, NV, UT and MT.	$19,576,743	$39,172,987	http://www.energy.gov/recovery/smartgrid_maps/PacificNorthwest.JPG
	Newport	Central Lincoln People's Utility District	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.	$9,936,950	$19,873,900	http://www.energy.gov/recovery/smartgrid_maps/CentralLincoln.JPG
Oregon Total				$29,513,693	$59,046,887	
PA	Philadelphia	PECO Energy Company	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.	$200,000,000	$415,118,677	http://www.energy.gov/recovery/smartgrid_maps/PECOEnergy.JPG
	Allentown	PPL Electric Utilities Corp.	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.	$19,054,516	$38,109,316	http://www.energy.gov/recovery/smartgrid_maps/PPL.JPG
	Norristown	PJM Interconnection, LLC	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. Will also benefit customers in IL, IN, KY, MD, MI, NC, NJ, OH, PA, VI, and WV.	$13,698,091	$28,203,511	http://www.energy.gov/recovery/smartgrid_maps/PJM.JPG

RECOVERY ACT SELECTIONS FOR SMART GRID INVESTMENT GRANT AWARDS - BY STATE						
HQ State	HQ City	Name of Awardee	Brief Project Description	Recovery Act Funding	Total Project Value Including Cost Share	Map of Project Coverage Area
PA	Wellsboro	Wellsboro Electric Company	Implement the "Smart Choices" project, which will deploy smart meter network systems throughout the utility's service territory.	$431,625	$961,195	http://www.energy.gov/recovery/smartgrid_maps/WellsboroElectric.JPG
Pennsylvania Total				$233,184,232	$482,392,699	
SD	Rapid City	Black Hills Power, Inc.	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. Will also benefit customers in MN and ND.	$9,576,628	$19,153,256	http://www.energy.gov/recovery/smartgrid_maps/BlackHills.JPG
	Coleman	Sioux Valley Southwestern Electric Cooperative, Inc.	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. Will also benefit customers in MN.	$4,016,368	$8,032,736	http://www.energy.gov/recovery/smartgrid_maps/SiouxValleyEnergy.JPG
South Dakota Total				$13,592,996	$27,185,992	
TN	Chattanooga	Electric Power Board of Chattanooga	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. Will also benefit customers in GA.	$111,567,606	$226,707,000	http://www.energy.gov/recovery/smartgrid_maps/ElectricPowerBoardOfChattanooga.JPG
	Memphis	Memphis Light, Gas and Water Division	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.	$5,063,469	$13,112,363	http://www.energy.gov/recovery/smartgrid_maps/MemphisGasWater.JPG
	Knoxville	Knoxville Utilities Board	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	$3,585,022	$9,356,989	http://www.energy.gov/recovery/smartgrid_maps/KnoxvilleUtilitiesBoard.JPG
Tennessee Total				$120,216,097	$249,176,352	
TX	Houston	CenterPoint Energy	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.	$200,000,000	$639,187,435	http://www.energy.gov/recovery/smartgrid_maps/CenterPointEnergy.JPG
	Houston	Reliant Energy Retail Services, LLC	Install a suite of smart meter products, enabling customers to manage their electricity usage, promote energy efficiency, and lower overall energy costs.	$19,839,689	$63,696,548	http://www.energy.gov/recovery/smartgrid_maps/ReliantEnergyRetailServices.JPG
	Amarillo	Golden Spread Electric Cooperative, Inc.	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.	$17,263,115	$43,157,788	http://www.energy.gov/recovery/smartgrid_maps/GoldenSpreadElectricCoop.JPG

RECOVERY ACT SELECTIONS FOR SMART GRID INVESTMENT GRANT AWARDS - BY STATE						
HQ State	HQ City	Name of Awardee	Brief Project Description	Recovery Act Funding	Total Project Value Including Cost Share	Map of Project Coverage Area
TX	Corinth	Denton County Electric Cooperative d/b/a CoServ Electric	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.	$17,205,844	$40,966,296	http://www.energy.gov/recovery/smartgrid_maps/CoServ.JPG
	El Paso	El Paso Electric	Install distribution automation to increase the monitoring and control of the distribution system and improve power restoration during emergencies. Will also benefit customers in NM.	$1,014,414	$2,085,095	http://www.energy.gov/recovery/smartgrid_maps/ElPaso.JPG
Texas Total				$255,323,062	$789,093,162	
UT	Salt Lake City	Western Electricity Coordinating Council	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. Will also benefit customers in AZ, CA, CO, ID, MT, NM, NV, OR, SD, TX and WA.	$53,890,000	$107,780,000	http://www.energy.gov/recovery/smartgrid_maps/WesternElectricity.JPG
Utah Total				$53,890,000	$107,780,000	
VA	Fredericksburg	Rappahannock Electric Cooperative	Implement digital improvements and upgrades in communication infrastructure, advanced meters, cyber security equipment, and digital automation to reduce peak demand and improve system reliability.	$15,694,097	$31,388,194	http://www.energy.gov/recovery/smartgrid_maps/Rappahannock.JPG
	Manassas	Northern Virginia Electric Cooperative	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.	$5,000,000	$10,000,000	http://www.energy.gov/recovery/smartgrid_maps/NorthernVirginia.JPG
Virginia Total				$20,694,097	$41,388,194	
VT	Rutland	Vermont Transco, LLC	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.	$68,928,650	$137,857,302	http://www.energy.gov/recovery/smartgrid_maps/VermontTransco.JPG
Vermont Total				$68,928,650	$137,857,302	
WA	Spokane	Avista Utilities	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. Will also benefit customers in ID.	$20,000,000	$40,000,000	http://www.energy.gov/recovery/smartgrid_maps/AvistaUtilities.JPG

RECOVERY ACT SELECTIONS FOR SMART GRID INVESTMENT GRANT AWARDS - BY STATE						
HQ State	HQ City	Name of Awardee	Brief Project Description	Recovery Act Funding	Total Project Value Including Cost Share	Map of Project Coverage Area
WA	Everett	Snohomish County Public Utilities District	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	$15,825,817	$31,651,634	http://www.energy.gov/recovery/smartgrid_maps/SnohomishPUD.JPG
Washington Total				$35,825,817	$71,651,634	
WI	Waukesha	American Transmission Company LLC	Build a fiber optics communications network for high-speed communications to maximize the full capability of phasor measurement networks across ATC's transmission system.	$11,444,180	$22,888,360	http://www.energy.gov/recovery/smartgrid_maps/AmericanTransmissionII.JPG
	Madison	Madison Gas and Electric Company	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.	$5,550,941	$11,101,881	http://www.energy.gov/recovery/smartgrid_maps/MadisonGasElectric.JPG
	Madison	Wisconsin Power and Light Company	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.	$3,165,704	$6,378,509	http://www.energy.gov/recovery/smartgrid_maps/WisconsonPowerandLight.JPG
	Waukesha	American Transmission Company LLC	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 cost.	$1,330,825	$2,661,650	http://www.energy.gov/recovery/smartgrid_maps/AmericanTransmission.JPG
Wisconsin Total				$21,491,650	$43,030,400	
WY	Cheyenne	Cheyenne Light, Fuel and Power Company	Install 38,000 smart meters and communications infrastructure that will allow consumers to make use of dynamic pricing to reduce their energy use.	$5,033,441	$10,066,882	http://www.energy.gov/recovery/smartgrid_maps/Cheyenne.JPG
WY	Sundance	Powder River Energy Corporation	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.	$2,554,807	$5,109,615	http://www.energy.gov/recovery/smartgrid_maps/PowederRiverEenergyCorp.JPG
Wyoming Total				$7,588,248	$15,176,497	
Total Smart Grid Investment Grant Award Value				**$3,425,938,323**	**$8,068,866,928**	
The above projects have received awards.						