

DOMINION ENERGY RENEWABLE ENERGY PRODUCTION & INVESTMENTS				
YEAR	PROJECT	CAPACITY (MW) If applicable	DESCRIPTION	Detail
Community Initiatives Being Supported by Dominion Energy				
2008	Projects supported in 2008		Dominion Energy and the Dominion Energy Foundation funded \$57,300 environmental, renewable, and sustainability projects in 2008 including 10 grants.	For more information: Click Here
2009	Projects supported in 2009		Dominion Energy and the Dominion Energy Foundation funded \$91,650 environmental, renewable, and sustainability projects in 2009 including 11 grants.	For more information: Click Here
2010	Projects supported in 2010		Dominion Energy and the Dominion Energy Foundation funded \$388,200 environmental, renewable, and sustainability projects in 2010 including 16 grants.	For more information: Click Here
2011	Projects supported in 2011		Dominion Energy and the Dominion Energy Foundation funded \$176,800 environmental, renewable, and sustainability projects in 2011 including 17 grants.	For more information: Click Here
2012	Projects supported in 2012		Dominion Energy and the Dominion Energy Foundation funded \$219,200 environmental, renewable, and sustainability projects in 2012 including 16 grants.	For more information: Click Here
2013	Projects supported in 2013		Dominion Energy and the Dominion Energy Foundation funded \$332,475 environmental, renewable, and sustainability projects in 2013 including 32 grants.	For more information: Click Here

2014	Projects supported in 2014		Dominion Energy and the Dominion Energy Foundation funded \$227,500 environmental, renewable, and sustainability projects in 2014 including 26 grants.	For more information: Click Here
2015	Projects supported in 2015		Dominion Energy and the Dominion Energy Foundation funded \$360,500 environmental, renewable, and sustainability projects in 2015 including 22 grants.	For more information: Click Here
2016	Projects supported in 2016		Dominion Energy and the Dominion Energy Foundation funded \$214,500 environmental, renewable, and sustainability projects in 2016 including 10 grants	For more information: Click Here
	2017			-
2017	Belmont Elementary School		<p>Energy and the Environment: Makerspace Investigations of Energy Sources and Sustainability, Energy Transfer Mechanisms, and Environmental Responsibility</p> <p>Belmont Elementary School in Roanoke Rapids, North Carolina serves a diverse population of 680 students in a K-5 Educational Setting. As a Title I school with a free and reduced lunch rate of near 90%, Belmont focuses on improving educational outcomes for students in poverty. Our students need engagement in the areas of science and math through an educational environment that gives them real world experiences and creates interest in learning outside of traditional teaching. Belmont will help students reach their full creative potential through our Makerspace.</p> <p>Makerspaces are a relatively new phenomenon in schools. Students will choose their own pathways for what they will learn and how they will demonstrate understanding. In this exciting environment, students can work on computer coding, A/V programs, circuitry, robotics, small-scale engineering, woodworking, knitting/crafting, 3D printing, and other hands-on activities. We will utilize Makerspace concepts daily in our media center.</p> <p>One area of our Makerspace will focus on energy, electricity, and the environment. In this space, students will explore and create projects from kits related to snap circuits, paper circuits, robotics, squishy circuits, wind energy, solar energy, and a solar powered machine kit that utilizes recycled materials as parts for the product. Students will explore energy transfer, recycling, renewable energy, energy transfer, and technology.</p> <p>The upfront costs for creating an exciting learning environment as described in this summary will be around \$20,000. We hope that funding this project will allow us to begin this process with resources for the needed materials. Through this Makerspace, we anticipate that student proficiency and interest in science and math will grow rapidly. This space will serve our entire student population and allow students to explore electricity, energy, and the environment in an</p>	North Carolina

			engaging atmosphere. Thank you for your consideration. \$3,000	
2017	Jennette's Pier		<p>Drone Explorations: Utilizing UAV technology and its application in Environmental Science</p> <p>The objective of this project is to foster growth in STEM programs in schools in NE North Carolina, while opening students eyes to the many ways scientists use technology. In this program students will learn about programming, how to fly a drone, and how these unmanned aerial vehicles (UAVs) can be used in the field of environmental science. UAVs are currently used in the environmental field to monitor trash along a coastline, check the condition of an ecosystem, or monitor animals without disturbing them. By using drones, we can obtain data that will help preserve and protect our natural environment. Our target audience is 8th grade students in NE NC that are within the communities served by Dominion Energy Companies. The drone exploration program will be divided up into 3 classroom visits. The first lesson addresses what drones are and how they are used in science. For the lesson, the class will be divided into groups. A person from each group is the "drone" and the rest of the group members are programmers. The programmers will give the "drone" specific codes so that it can fly over and capture video footage of their "town" (a large drop cloth with a town painted on it).The groups will then upload their video recording to a computer and use it to answer questions about their town such as "what percentage of your town's houses have a solar panel". For the second visit, students will learn how to officially code using the Drone Blocks program, an app that is downloaded to an ipod or tablet. In the final lesson, students will use the skills they have gained to write a code and test their knowledge on a small drone outside. We will wrap up the lesson by emphasizing that in the future students can go into a career field that utilizes drones in helping our environment. Through this program we would be able to reach 30 classrooms and up to 750 students. In order to create this STEM based innovative program we respectfully request \$4,995.</p>	North Carolina

			(Received \$5,000)	
2017	The Elizabeth River Project	<p>Resilience Recruiting, Paradise Creek Nature Park</p> <p>This project will establish the River Academy at Paradise Creek Nature Park as a high-profile recruiting station for Dominion Energy's Green Power renewable energy program and other energy conservation and resiliency education efforts. As an example of the ready audience, more than 21,000 K-12 students from Norfolk and Portsmouth, VA, will visit over the next three years on field investigations to learn what stewardship actions they can take now and as they grow up to be resilient in addressing one of the highest rates of sea level rise on the East Coast. The Elizabeth River Project, in partnership with the City of Portsmouth, also will educate adults and families visiting the 40-acre nature park on energy conservation and sea level resilience actions they can take, including recruiting them for Dominion Energy Energy's voluntary program, Green Power, with a recruiting station and education information in the entry hall of the River Academy.</p> <p>Dominion Energy previously generously contributed to solar panels for the coming River Academy and the Dominion Energy Wetland Learning Lab, an outdoor pavilion. Funds are now requested to complete the River Academy as a classroom and exhibit hall as part of showcasing resilience approaches throughout the park.</p> <p>Dominion Energy is also invited, as practical with any additional resources it may have, to outfit the park with the latest demonstrations on alternative energy. Examples: Plug in station for electric vehicles; wind turbines atop the 26-foot Earthworks Mound; maximum solar panels, River Academy; solar street lights in the parking lot and trail lights from alternative energy sources such as pet waste.</p> <p>In these ways, Paradise Creek Nature Park will become a powerful companion education project to Elizabeth River Project's Dominion Energy Learning Barge - booked to capacity since its launch in 2009; winner, national education award, American Institute of Architects. \$50,000.</p>	<p>Virginia</p>	

2017	Virginia Living Museum		<p>Environmental Conservation Station Exhibit</p> <p>The VLM's mission is "connecting people to nature and science through educational experiences that promote conservation." To accomplish this mission the VLM delivers Natural Science and Environmental Education through interactive indoor and outdoor exhibits, live demonstrations, and science education programs with engaging activities to protect, preserve, and explore the environment and natural habitats.</p> <p>The VLM is nationally accredited by both the American Alliance of Museums and American Zoo and Aquarium Association. Educational programs are endorsed by the VA Department of Education, the U.S. Department of Education, and the National Science Foundation. We offer the area's only public planetarium and provide STEM education vital for our future workforce.</p> <p>The VLM promotes stewardship and conservation practices and is committed to minimizing environmental impacts by recycling and preventing pollution wherever feasible in daily operations. Permanent educational exhibits address energy conservation, green building practices, solar energy applications and conservation gardening.</p> <p>The VLM shares Dominion Energy's commitment to environmental conservation and education. The Museum has a unique opportunity to educate millions through accomplished exhibit design and interpretation expertise. The new Environmental Conservation Station exhibit will be located in a prominent location within the Museum. The project will transform an existing 750 sq.ft. space in our main exhibits gallery into an engaging, interactive space that will focus public attention on key environmental issues.</p> <p>Designed to be engaging for both families as well as for students of all ages including middle and high school, the space will be designed in a modular fashion so that topic areas can be switched out easily to showcase emerging conservation topics. Earth science, biology, history, math, chemistry, and geology will be highlighted creating informed and inspired students and citizens. \$13,000</p>	Virginia
2017	Appomattox County 4H		Appomattox County 4-H in-school electricity/energy - \$1,000	Virginia
2017	Friends of the Occoquan		Water Conservation Project River Clean Up, Rain Bar - \$7,500	Virginia
2017	Williamsburg Community Growers		Williamsburg Environmental Education and Urban Fan - \$5,000	Virginia
2017				
	Community Initiatives - Total Capacity (MW)	0.064235		
Dominion Energy Generation Facilities (includes operational and prospective)			Description	State

2012	Bridgeport Fuel Cell Facility (See note 2)	14.9	<p>Dominion Energy developed a fuel cell electricity-generating facility in Bridgeport, Connecticut, that was acquired from FuelCell Energy Inc. of Danbury, Conn., in late 2012. The facility can produce 14.9 megawatts of electricity – enough to power approximately 15,000 homes – using a reactive process that converts natural gas into electricity.</p> <p>Dominion Energy Bridgeport Fuel Cell LLC has contracted with FuelCell Energy Inc. to build, operate, and maintain the facility. FCE supplied five proprietary Direct FuelCell stationary fuel cell systems and an organic rankine turbine that uses waste heat from the fuel cells to generate a total of almost 15 megawatts of electricity. Dominion Energy sells the output of the fuel cell power station to Connecticut Light & Power under a 15-year fixed power purchase agreement. The facility began commercial operation on December 27, 2013.</p>	Connecticut
2012+	Solar Partnership Program	7.7	<p>Solar Partnership Program: Program encourages and supports the growth of solar energy in VA in partnership withour customers. Pursuant to Chapter 771 of the 2011 Virginia Acts of Assembly (House Bill 1686) the Company obtained a CPCN from the SCC in November 2012 (Case No. PUE-2011-00117) for the Solar Partnership Program to install up to 30 MW of solar PV distributed generation ("DG") by 2015 in its Virginia service territory on leased, commercial customer property. Installations are being placed on existing structures (e.g., customers' rooftops) and previously developed properties (e.g., ground-mounted solar arrays) to assess the potential impacts and benefits on its distribution system. The intent is to study the benefits and impacts of DG on targeted distribution circuits.</p> <ul style="list-style-type: none"> • Projects completed in 2014: (1) 125 kW installation at Old Dominion Energy University ("ODU") in Norfolk, VA; (2) 500 kW installation at Canon Virginia Inc's Industrial Resource Technologies building in Gloucester, VA; (3) 500 kW ground-mount facility Capital One in Chester, VA; (4) a 50 kW rooftop installations at Virginia Union University (VUU) in Richmond, VA. <ul style="list-style-type: none"> • Projects completed in 2015 : (1) a 746 kW rooftop installation at Prologis Concorde Distribution Center in Sterling, VA; (2) a 50 kW rooftop installation at Randolph-Macon College in Ashland, VA; <ul style="list-style-type: none"> • Projects completed in 2016: (1) an 806 kW rooftop installation at Western Branch High School in Chesapeake, VA (2) a 2,000 kW ground-mount installation at Philip Morris USA in Chesterfield, VA. <ul style="list-style-type: none"> • Projects completed in 2017 year to date: (1) a 364 kW rooftop installation at the University of Virginia. (2) a 1,512 kW ground-mount installation at Merck in Elkton, VA (3) a 1MW rooftop installation at Canon Virginia Inc. in Newport News. 	Virginia

Updated 11/13/2017.

2012	Coastal Virginia Offshore Wind (CVOW)	12	<p>The Virginia Offshore Wind Technology Advancement Project (VOWTAP) was working to develop a two-turbine, 12-megawatt demonstration project about 27 miles off the coast of Virginia Beach. Considerable research was completed and much knowledge gained on off-shore wind placement in hurricane prone regions as part of the Project initial design. VOWTAP was awarded up to \$51 million DOE grants and originally expected to be in service in 2017 or 2018.</p> <p>After Dominion Energy notified the Department of Energy that regulatory processes could delay COD to 2020, DOE withdrew \$40 million in remaining funding the project had been awarded. While the VOWTAP partners had been working toward an earlier date, there were too many uncertainties to meet DOE's request. These included the high cost of the project, the inability to get firm construction contracts, and the increasing complexities of gaining regulatory approval for energy infrastructure projects.</p> <p>In July 2017, Dominion Energy announced it has signed an agreement and strategic partnership with DONG Energy (recently changed name to Orsted) of Denmark, a global leader in offshore wind development, to build two 6-megawatt turbines off the coast of Virginia Beach. The two companies will now begin refining agreements for engineering, procurement and construction. Dominion Energy remains the sole owner of the project. Commercial operations are targeted for 2020.</p>	Virginia
2013	Altavista	51	Biomass facility in Virginia.	Virginia
2013	Cushaw	2	On July 5, 2017 Dominion Energy Energy Virginia announced their intent to sell Cushaw to Luminaire, a Virginia company that owns and operates several other small dams on the James River. The sale must be approved by the Virginia State Corporation Commission and the Federal Energy Regulatory Commission. The company filed with both organizations on June 30, 2017. The sale is expected to close sometime in the spring of 2018 with the final sale price to remain undisclosed.	Virginia
2013	Hopewell	51	Biomass facility in Virginia.	Virginia
2013	Gaston (units 1-4)	220	Hydro facility in North Carolina.	North Carolina
2013	NedPower (w/ Shell WindEnergy, Inc.) [See Note 3]	264	Dominion Energy has 50% ownership in this 264 MW facility located in West Virginia.	West Virginia
2013	North Anna	1	Hydro facility in Virginia.	Virginia
2013	Pittsylvania	83	Biomass facility in Virginia.	Virginia
2013	Fowler-Ridge (w/BP Alternative Energy, Inc.) [See Note 3]	301	Dominion Energy has 50% ownership 301 MW facility located in Indiana.	Indiana
2013	Roanoke Rapids	95	Hydro facility in North Carolina.	North Carolina

2013	Somers Solar [See Note 3]	5	<p>The Somers Solar Center, located in north-central Connecticut, about 4 miles south of the Massachusetts state line, is a solar project capable of producing approximately 3.4 megawatts of electricity in Somers, Ct. The facility was officially dedicated on Nov. 22, 2013.</p> <p>The Somers Solar Center, built by Prime Solutions Inc., a Connecticut contractor, occupies 50 acres, and consists of 23,150 Kyocera solar panels that will generate enough electricity to supply about 5,000 homes. The electricity will go to Connecticut Light & Power Co. under a 20-year purchased-power agreement. The project was developed by Kyocera Solar, Inc., headquartered in Scottsdale, Az., and CleanPath, a San Francisco-based clean-energy company.</p>	Connecticut
2013	Southampton	51	<p>Biomass facility in Virginia.</p>	Virginia
2013+	Azalea Solar [See Note 3]	7.7	<p>Dominion Energy announced on March 1, 2013, that it had acquired a solar energy development project in Georgia from Smart Energy Capital and Jacoby Development. The facility entered service in late 2013.</p> <p>Dominion Energy's Azalea Solar Power Facility produces approximately 5.2 megawatts (AC) using photovoltaic technology. The 40-acre project is located on 100 acres of farm and forest land about 60 miles southwest of Augusta, Ga.</p> <p>The project has a 25-year power purchase agreement with Cobb Electric Membership Corp., one of the largest electric cooperatives in Georgia, serving roughly 200,000 customers.</p>	Georgia
2013+	Indy Solar I, II, and III [See Note 3]	28.6	<p>Dominion Energy's three solar projects in Indiana, Indy Solar I, Indy Solar II and Indy Solar III, entered service in Dec. 2013.</p> <p>Two of the projects, located southeast of Indianapolis in Franklin Township, are sited on 155 acres. The third, located southwest of Indianapolis, is sited on 134 acres. All three projects are on flat agricultural and forest land that are well suited for solar installation. The projects use standard photovoltaic technology with a fixed-axis system to generate a peak combined output of 19.2 megawatts of electricity.</p> <p>The projects have 15-year power purchase agreements with Indianapolis Power and Light Company. AMEC, an international engineering and construction firm with U.S. headquarters in Tucker, Ga., built the three facilities.</p>	Indiana
2013+	Commercial offshore wind generation (Prospective)	TBD	<p>BOEM auctioned approximately 113,000 acres of federal land off the VA coast as a single lease for construction of offshore wind turbines. Dominion Energy Energy Virginia (DEV) bid \$1.6 million and won the lease in 2013 with an effective date of November 1, 2013. BOEM has several milestones that DEV must meet to keep the lease. DEV submitted a Site Assessment Plan (SAP) for meteorological measurement equipment and updated versions to address BOEM comments. The final BOEM site assessment milestone is the submittal of a construction and operations plan (COP) within five years of approving the SAP. Once DEV submits a COP, BOEM has an undetermined amount of time to perform a NEPA level environmental analysis and approve the plan. DEV submitted a COP Survey Plan to BOEM. Submission of a revised COP Survey Plan is pending. Construction would be contingent on the receipt of applicable approvals.</p>	Virginia

2014	Kitty Hawk Microgrid [See Note 4]	0.02	Demonstration project to study the benefits of a microgrid Deployed technologies include micro-wind turbines, battery storage, solar PV and fuel cells Second annual report summarizing operational performance and lessons learned filed with NCUC in August 2017.	North Carolina
2014+	Virginia City Hybrid Energy Center (VCHC) [See Note 1]	120	Virginia City Hybrid Energy Center, the Company's 600 MW advanced coal facility, has the capability to burn up to 20% biomass which equates to up to 120 MW.	Virginia
2014+	Virginia Wind Projects (Prospective)	TBD	Dominion Energy is evaluating onshore wind energy projects in undisclosed Virginia locations.	Virginia
2014+	Six California Solar Development Project Investments [See Note 3]	139	Dominion Energy acquired six solar development projects from Recurrent Energy, one of North America's largest developers of utility scale solar projects. The solar project sites are located in California's Fresno, Kern and Kings counties. "This investment is another important step forward for Dominion Energy as we expand our renewable energy portfolio," said Dominion Energy Chairman, President and Chief Executive Officer Thomas F. Farrell II. "These projects fit well within our portfolio of regulated and long-term contracted assets." Long-term power purchase agreements have been executed for each of the projects. The solar facilities have achieved commercial operations. All of the projects qualified for the Federal Investment Tax Credit and support Dominion Energy's growth plan.	California
2014+	Solar Development Project Investments (Mulberry Farm and Selmer Farm) [See Note 3]	32	Dominion Energy acquired two stand-alone solar energy developments in southwest Tennessee and both have entered commercial operations. The two projects were developed by Strata Solar of Chapel Hill, N.C. and have achieved commercial operations. All power and environmental attributes from both projects will be purchased by the Tennessee Valley Authority (TVA) under their renewable standard offer program. Interconnection to the electric grid goes through facilities owned and operated by Pickwick Electric Cooperative of Selmer, TN. "This is another important addition to Dominion Energy's growing portfolio of solar energy," said David A. Christian, chief executive officer for Dominion Energy Generation. "We believe it is necessary to develop and maintain a diverse generation mix, ranging from traditional sources to renewable energy. These two projects strategically align with our regulated and unregulated generation portfolio. We are pleased to team up with TVA on the largest solar developments in Tennessee." Each of the two stand-alone, fixed-tilt photovoltaic solar projects, named Mulberry Farm and Selmer Farm, will produce approximately 16 megawatts (AC). They are located in McNairy County, near the town of Selmer. Engineering, procurement and construction was handled by Strata Solar under terms of the agreement. Ongoing operations and maintenance is also being handled by Strata Solar.	Tennessee

2014	Pavant Solar Project [See Note 3]	50	Dominion Energy announced on Nov. 10, 2014, that it has acquired Pavant Solar, a 50-megawatt solar energy project, from juwi solar (JSI), a global renewable energy provider with U.S. operations based in Boulder, Colo. Pavant Solar, located in Millard County, was Dominion Energy's first solar development in Utah and entered service in December 2015. The project has secured a 20-year power purchase agreement and an interconnection agreement. JSI Construction Group has been awarded the engineering, procurement, and construction contract, and JSI O&M Group will monitor and maintain the project on behalf of Dominion Energy during the initial years of operation.	Utah
2014	West Antelope Solar Park [See Note 3]	20	In November 2014, Dominion Energy announced the acquisition of West Antelope Solar Park, a 13.4-megawatt solar energy facility, from Canadian Solar Inc. (NASDAQ: CSIQ). West Antelope Solar Park, located near Lancaster, Calif., in Los Angeles County, has commenced operations. A 20-year power purchase agreement is also in place.	California
2014+	Cottonwood [See Note 3]	23	Dominion Energy announced an agreement on Sept. 15, 2014 to acquire the Cottonwood project, with solar sites located in Kings, Kern and Marin Counties, from EDF Renewable Energy. The acquisition is expected to close in 2015. A 25-year power purchase agreement (PPA), interconnection agreements and engineering, procurement, construction (EPC) contracts are in place. The company anticipates that the 16.1-megawatt solar energy facility achieved COD in Q2, 2015.	California
2014+	Catalina Solar 2 [See Note 3]	18	Dominion Energy announced an agreement on Sept. 15, 2014 to acquire the Catalina Solar 2 project, located in Kern County, from EDF Renewable Energy. The acquisition is expected to close in 2015. A 20-year PPA, an interconnection agreement and an EPC contract have been secured. The 12.1-megawatt solar energy facility achieved COD in Q3, 2015.	California

2014	CID Solar Project [See Note 3]	20	Dominion Energy acquired the CID project in June 2014 from EDF Renewable Energy, one of North America's largest independent power producers and renewable energy project developers. The facility is in commercial operations. The solar facility, called the CID solar project, is located in King's County, California near the City of Corcoran. The project has secured a 20-year Power Purchase Agreement (PPA). The project qualified for the Federal Investment Tax Credit and supports Dominion Energy's growth plan.	California
2015	Remington Utility-Scale Solar Facility	20	On Jan. 20, 2015, Dominion Energy filed a petition with the VA SCC for approval to construct a 20 MW utility-scale solar PV facility on approximately 125 acres of land owned by the Company near the Remington Power Station in Fauquier County. The SCC denied the facility application on October 20, 2015, but invited Dominion Energy Virginia Power to refile after seeking third party alternatives. Subsequently, on March 16, 2016, the Commonwealth of Virginia, Microsoft, and Dominion Energy Virginia Power, announced a partnership to construct a new 20 MW solar facility at the Remington site. The Commonwealth of VA has signed a long-term power purchase agreement (PPA) for the energy produced by the facility, while the renewable attributes, including solar REC's, will be sold to Microsoft. The project, approved by the VA SCC on February 1, 2017, became operational in October 2017.	Virginia
2015	Scott, Whitehouse, and Woodland Solar Facilities	56	On October 1, 2015, Dominion Energy filed with the Virginia State Corporation Commission (SCC) for certificates of public convenience and necessity for three separate solar projects: Scott Solar, a 17 MW facility located in Powhatan County, VA; Whitehouse Solar, a 20 MW facility located in Louisa County, VA; and Woodland Solar, a 19 MW facility located in Isle of Wight County, VA. Collectively, as proposed, these projects would total 56 megawatts of solar capacity. A hearing to determine if the proposed projects are in the best interest of Dominion Energy's ratepayers was held on March 22, 2016. The SCC approved all three projects on June 30, 2016. Each of these facilities entered commercial operations at the end of 2016.	Virginia
2015	Morgans Corner	20	In December 2015, Dominion Energy acquired the 20 megawatt Morgans Corner Solar Facility located in Pasquotank County, NC from Invenergy Clean Power LLC. The facility became operational in mid-December, 2015. Dominion Energy is under a long-term renewable energy contract with the United States Department of Navy.	North Carolina
2015	Alamo Solar [See Note 3]	20	On May 1, 2015, Dominion Energy announced the acquisition of a 20 MW solar facility in san Bernardino, California from E.ON North America. The facility entered commercial operations in the second quarter of 2015.	California
2015	Imperial Valley 2 [See Note 3]	20	In July 2015, Dominion Energy acquired a 20 MW solar facility from SunPeak solar, LLC. The facility is expected to enter commercial operations in third quarter of 2015.	California
2015	Maricopa West [See Note 3]	20	In June 2015, Dominion Energy entered into an agreement to acquire the Maricopa West solar project from EC&R NA Solar PVA, LLC. The project closed in November 2015 and went into service in December 2015.	California
2015	Four Brothers [See Note 3]	320	In June 2015, Dominion Energy acquired 50% of the Fourth Brothers Solar facilities from SunEdison. The facilities are entered commercial operations in the third quarter of 2016, generating approximately 320 MW. Long-term power purchase agreements have been executed for the Four Brothers projects.	Utah

2015	Three Cedars [See Note 3]	210	In September 2015, Dominion Energy announced that it had agreed to enter into a joint venture with SunEdison to develop the 210 MW Three Cedars Solar facilities in Utah. Three Cedars consists three sites in total. Two of the sites are known as Granite Mountain, which total 130 MW in capacity. The third site, known as Iron Springs, is 80 MW in capacity. Dominion Energy and Sun Edison each will have 50% interest in Three Cedars facilities. The facilities entered commercial operations in September 2016.	Utah
2015	Solar Alliance with Amazon Web Services (AWS)	260	<p>In November 2015, Dominion Energy Energy, Inc., a subsidiary of Dominion Energy, announced the acquisition of an 80-megawatt solar facility located in Accomack County on Virginia’s Eastern Shore. The facility consists of more than 300,000 solar panels on 900 acres of land and became operational on October 30, 2016. This solar facility is helping to increase the renewable energy on the electrical grid that supplies both current and future Amazon Web Services (AWS) data centers.</p> <p>Following the completion of that project in October 2016, Dominion Energy Energy, Inc. announced a major expansion of its solar energy collaboration with AWS in November 2016, to add 180 megawatts of solar generating capacity in five Virginia counties. Dominion Energy has acquired four 20-megawatt projects from Virginia Solar LLC and will develop these facilities in Buckingham, New Kent, Powhatan, and Sussex Counties. In total, the solar installations at parcels in these four counties will cover a total of 472 acres with a total generating capacity of 80 megawatts collectively utilizing more than 300,000 solar panels. Dominion Energy has signed an engineering, procurement and construction (EPC) contract with Strata Solar to construct the projects. This announcement also included an additional 100-megawatt solar facility being developed in Southampton County, Va. This project, to be acquired from Community Energy Solar, will be constructed by Signal Energy and will include more than 385,000 solar modules on approximately 1,200 acres of land.</p> <p>The five additional facilities are expected to begin generating electricity in December 2017. These newly announced projects bring the total capacity of Dominion Energy’s solar energy alliance with AWS to 260 megawatts.</p> <p>The 260 megawatts of solar capacity as part of the alliance with Amazon are expected to increase renewable energy on the electrical grid that supplies AWS data centers located in the AWS U.S. East (Ohio) and AWS U.S. East (Northern Virginia) Regions. AWS has publicly shared a long-term goal to achieve 100 percent renewable energy usage for its global infrastructure and will exceed its goal of 40 percent renewable energy usage by the end of 2016. AWS also established a new target to be powered by 50 percent renewable energy by the end of 2017.</p>	Virginia
2015+	Richland Solar Center [See Note 3]	20	On April 15, 2015, Dominion Energy announced the acquisition of a 20-megawatt solar facility in Georgia from HelioSage Energy. The facility went into service in December 2015. The Richland Solar Center is located on approximately 150 acres in Twiggs County near Jeffersonville, Ga. The project secured a 20-year power purchase agreement and interconnection agreements with Georgia Power.	Georgia

2016	NC Solar PPAs	540	Dominion Energy North Carolina Power has various solar Power Purchase Agreement (PPA) contracts for solar generation currently under development or operational across the state.	North Carolina
2016	Essex Solar PPA	20	Dominion Energy Virginia Power has executed a Power Purchase Agreement (PPA) for a 20-megawatt solar generation facility in Essex, Virginia.	Virginia
2016	Oceana Naval Air Station	18	<p>In August 2016, Dominion Energy Virginia Power, the Department of the Navy, and the Commonwealth of Virginia reached an agreement to construct an 18 megawatt solar facility at Naval Air Station Oceana in Virginia Beach. The facility, which was approved by the VA SCC on March 27, 2017, is expected to be operational in late 2017. The Commonwealth will purchase the solar output and renewable attributes from the facility under a long-term agreement. In December 2015, Dominion Energy Virginia Power and the Commonwealth announced a multi-year partnership to significantly increase solar energy to serve the state and the Oceana Solar Facility will support this goal.</p> <p>In exchange for the nearly 100 acres that will house the 179,000 solar panels of the ground-mounted, single-axis tracking facility, the Navy will receive an alternative electric feed, which will increase energy resiliency on the base.</p>	Virginia
2016	UVA Hollyfield	17	<p>In December 2016, Dominion Energy Virginia Power, the University of Virginia and its Darden School of Business announced that they have entered into an innovative solar power partnership. Under the agreement, the University and Darden will purchase the entire output of electricity produced at a new, 160-acre solar facility in King William County for the next 25 years. The UVA Hollyfield Solar project - owned by Dominion Energy, who will construct and operate it - is expected to produce an estimated 17 megawatts of alternating current, a figure representing about 12 percent of the University's electric demand. The Darden School, as a participant in the partnership, will assume responsibility for about 25 percent of the electricity production, which will enable the school to achieve its long-term zero-carbon goal.</p> <p>Dominion Energy acquired the Hollyfield Solar Project as a development asset from Virginia Solar LLC, a Virginia-based company. Under a 25-year agreement, the University will purchase the entire output of a proposed 120-acre solar facility in Middlesex County. The facility, developed by Coronal Energy, will be constructed and owned by Dominion Energy. The 15 MW's of alternating current will supply about 9 percent of the University's electric demand, commercial operations expected by the end of 2018.</p>	Virginia
2016	Summit Farms Solar	60	In October 2016, Dominion Energy Energy, Inc., a subsidiary of Dominion Energy (NYSE: D), announced that it has acquired the development rights for the 60-megawatt Summit Farms Solar facility in Currituck County, NC. The solar facility was purchased from SunEnergy1, which developed and was the construction contractor on the project. Summit Farms, located on about 650 acres near Moyock, NC, has 25-year power purchase agreements with the Massachusetts Institute of Technology, Boston Medical Center and Post Office Square Redevelopment Corporation. The facility entered service in December 2016.	North Carolina

2017	Solvay Solar Energy	71.4	In March 2017, Dominion Energy announced plans to build, own and operate the Solvay Solar Energy Facility, a 71.4 megawatt facility in Jasper, SC that would be the state's largest array. It is expected to enter service in 2017. The installation will be located near Ridgeland, SC and will occupy about 900 acres. South Carolina Electric and Gas has signed a long-term power purchase agreement (PPA) for the electricity produced at the facility. Solvay - an international chemicals and advanced materials company with sites in Charleston, Greenville, Piedmont, Rock Hill and Spartanburg, among others will purchase all the associated renewable energy credits for 15 years.	South Carolina
2017	Ridgeland Solar	10	In March 2017, Dominion Energy announced plans to build, own and operate the Ridgeland Solar Project, a 10 megawatt facility in Jasper, SC located on about 80 acres in Ridgeland, SC. South Carolina Electric and Gas has signed a power purchase agreement (PPA) to purchase the electrical output as well as the renewable energy credits. This facility began operating in June 2017.	South Carolina
2017	IS37 Solar	79	Dominion Energy has announced plans to purchase a 79 megawatt solar energy facility under construction in Anson County North Carolina from Cypress Creek Renewables, LLC. A power purchase agreement (PPA) is in place for the offtake from the solar facility. The facility is located on a 550 acre tract of land near Morven, NC. The facility is currently operational. Facility commenced commercial operations in August 2017.	North Carolina
2017	Midway II	30	In April 2017, the acquisition of the Midway II Project located in Imperial County California was announced. The 30-megawatt project is located on 320 acres northwest of Calipatria, C.A. The project is operational and has a 25-year power purchase agreement with the Imperial Irrigation District. The facility achieved commercial operations in June 2017.	California
2017	Clarke County Solar	10	In July 2017, Dominion Energy announced the acquisition of the 10-megawatt Clarke County Solar facility from Hecate Energy. Located on a 117-acre parcel of land in White Post, Va., the facility has entered service. The project has a long-term power purchase agreement with Old Dominion Energy Electric Cooperative (ODEC) for the off-take. Project is achieved commercial operations in July 2017.	Virginia
2017	Cherrydale Solar	20	In July 2017, Dominion Energy announced the acquisition of the 20-megawatt Cherrydale facility on 180 acres in Kendall Grove, VA in Northampton County on Virginia's Eastern Shore. The acquisition is expected to close in the third quarter of 2017. A long-term power purchase agreement is in place with Old Dominion Energy Electric Cooperative (ODEC) for the off-take. Project is expected to achieve commercial operations in 4Q 2017.	Virginia
2017	Fremont Solar	5	Dominion Energy has closed on 5 MW facility in Wayne County North Carolina, expected in service by fourth quarter 2017.	North Carolina

2017	Moorings2	5	Dominion Energy Energy closed on a 5 MW solar facility in Lenoir County, North Carolina. Anticipated in service by fourth quarter 2017. Agreements are in place for sale of the offtake.	North Carolina
2017	Clipperton Solar	5	Dominion Energy Energy purchased the Clipperton project in August. Currently under construction in Sampson County North Carolina. Agreements are in place for sale of the offtake. Anticipated in service by fourth quarter 2017.	North Carolina
2017	Pikeville Solar	5	Dominion Energy Energy purchased the Pikeville project in August. Currently under construction in Wayne County North Carolina. Agreements are in place for sale of the offtake. Anticipated in service by fourth quarter 2017.	North Carolina
2017	UVA Puller	15	In July, 2017 the University of Virginia and Dominion Energy Energy announced another partnership that would aid in the schools efforts to meet its sustainability goals. Under a 25-year agreement, the University will purchase the entire output of a proposed 120-acre solar facility in Middlesex County. The solar facility, developed by Coronal Energy, will be constructed and owned by Dominion Energy Energy. It will produce an estimated 15 megawatts of alternating current, or about 9 percent of the University's electric demand. The facility is expected to be operational in late 2018. The UVA Puller Solar facility joins the previously announced UVA Hollyfield Solar facility. In total, the two sites will produce 32 megawatts of solar energy and will offset about 21 percent of the University's electric demand.	Virginia
	Dominion Energy Generation Facilities - Total Capacity (MW)	3493.32		
	(In Operation or under development)			
	Notes:			
	¹ Represents capability to burn up to 120 MW of biomass at the VCHEC 600 MW coal station.			
	² Bridgeport Fuel Cell is fueled by Natural Gas, but meets the definition of renewable energy under Connecticut law.			
	³ MW capacity values reflect Dominion Energy's ownership in whole or in part.			
	⁴ This project includes 23 kW (0.023 MW) of solar and wind, a 75 kWh/25kW battery, and a 3 kW natural gas fuel cell added in 2015, Natural gas fuel cells are not considered a "renewable energy resource" under NC law.			
Alternative Energy Customer Programs				

2000+	Traditional Net Metering - Virginia	21.0	<ul style="list-style-type: none"> • Allows for customer-owned renewable generation to offset customers electricity usage • 2,553 customers participating with a capacity of 21MW (as of 9/30/2017) 	Virginia
2000+	Traditional Net Metering - North Carolina	0.8	<ul style="list-style-type: none"> • Allows for customer-owned renewable generation to offset customers electricity usage • 79 customers participating with a capacity of 879 kW (as of 9/30/17) 	North Carolina
2014	Agricultural Net Metering - Virginia	0.4	<ul style="list-style-type: none"> • Provides for agricultural customers to net meter across multiple accounts on contiguous property • The Virginia SCC issued an Order adopting Agricultural Net Metering Regulations on 06/23/2014 • In October 2014, DVP filed revised terms and condition to comply with the regulations to implement Agricultural Net Metering. • December 2014, SCC approved DVP's terms & conditions to comply with the regulations to implement Agricultural Net Metering. One participant as of 4/30/2017. • In 2017, Virginia legislation was enacted to give agricultural net metering customers a second compensation option, a "buy-all/sell-all" arrangement will allow agricultural customers to receive market price for solar energy. • One customer participating as of 9/30/2017. 	Virginia
2013+	Solar Purchase Program	1.8	<p>Solar Purchase Program</p> <p>This is a rate program for Dominion Energy customers who own solar generation installations. It will allow qualifying solar customer-generators to sell all of their solar generation to the company at a fixed price of 15 cents per kilowatt-hour for a period of five years and to purchase all of their electricity from the company on their current rate schedule. On March 22, 2013, the SCC approved the Company's Solar Purchase Program as a demonstration program to purchase energy from qualifying residential and non-residential solar customer-generators at a fixed price of 15 cents per kWh under Rate Schedule SP, a voluntary experimental rate, for a period of five years. The Solar Purchase Program was launched in June 2013.</p> <ul style="list-style-type: none"> • Rate Schedule SP is designed to facilitate installation of up to 3 MW of customer-owned solar DG (up to 1.8 MW residential and up to 1.2 MW non-residential) as an alternative to net energy metering by allowing the Company to purchase 100% of the energy output, including all environmental attributes and associated RECs, from qualifying solar customer-generators. The 15 cents per kWh price paid under Rate Schedule SP includes an avoided energy cost component and a voluntary environmental contribution component provided by those customers participating in the Company's Green Power® program. • 146 customers are participating with total generation capacity of 1.8 MW as of 09/30/2017. 	Virginia
2013	SCC 3rd Party Power Purchase Agreement Pilot	1.5	<ul style="list-style-type: none"> • SCC directed program provides qualified customers the opportunity to enter into a PPA with a third party renewable energy supplier • Ten customers participating with total capacity of 1.5MW 9/30/2017. 	Virginia
2009	Green Power Program		<p>Voluntary program for customers to purchase renewable energy certificates (RECs) . Customers can purchase RECs in blocks or equal to their usage.</p> <p>26,000 customers participating as of 9/30/2017.</p>	

2011	Electric Vehicle Pilot		<ul style="list-style-type: none"> • Pilot program offers rate options designed to shift EV charging to off-peak periods. • 577 customers enrolled as of 9/3/2017; enrollment ended 9/1/16. 8,200 electric vehicles in VA as of 6/30/2017. 	Virginia
2014	Schedule Renewable Generation (Schedule RG)		<p>Provides large non-residential customers the ability to meet a portion of their energy supply with renewable energy</p> <ul style="list-style-type: none"> • Dominion Energy Virginia Power delivers renewable energy to the customer secured from a 3rd party supplier • Rate and Pilot program closed April 1, 2017. 	Virginia
2017	Rate Schedule CRG (Continuous Renewable Generation)		Dominion Energy filed application with the SCC on 5/9/2017 to offer Rate Schedule CRG (Continuous Renewable Generation), a 100% Renewable Energy Tariff.	
2017	Community Solar Pilot		<ul style="list-style-type: none"> • Developing Community Solar Pilot program as required in SB 1393 of 2017 GA • Voluntary subscription program allows customers to purchase renewable energy from locally-sited solar • Dominion Energy will execute PPAs for a 10 MW solar "fleet" owned by third-parties • Targeting filing with SCC by early 2018 	Virginia
2017	Schedule RF		<p>Dominion Energy filed application with the VA SCC on 10/23/17 to offer Rate Schedule RF (Renewable Facility), an experimental, voluntary companion tariff available to eligible existing or new commercial and industrial customers who (i) will bring incremental load to the Company's system that will support the development of new renewable generation facilities and (ii) commit to support the development of such renewable generation facilities by enhancing their cost effectiveness for all customers in exchange for the environmental attributes associated with these new facilities in an amount that corresponds to up to 100 percent of the energy the facilities produce. Any customer wishing to participate in the proposed Schedule RF must add new load of at least 30,000,000 kWh at one account or in total across multiple accounts. The customer would also be required to execute a separate contractual agreement with the Company committing to purchase environmental attributes from one or more new renewable generation facilities associated with the customer's incremental energy and capacity needs.</p> <p>The Company's application for Schedule RF is currently pending before VA SCC. A hearing has been scheduled for March 6, 2018.</p>	Virginia
2017	DCS Pilot & Rider DCS (Withdrawn)		<ul style="list-style-type: none"> • Pilot program will give customers the opportunity to support the development of solar DG in Virginia. • SCC granted request to withdraw pilot & rider on May 8. (9/30/2017) 	
	Customer Programs - Total Capacity (MW)	25.45		
Dominion Energy RPS R&D				

Partnerships				
2013	Appalachian School of Law		\$95,000(2013-2015): Removing Barriers to the Development on Onshore Wind Energy in Virginia - An analysis of thelegal, regulatory, policy, and public opinion obstacles and opportunities for onshore wind development in Virginia. This project has been completed.	Virginia
2013	Christopher Newport University		Under a partnership with Dominion Energy, Christopher Newport University in Virginia studied market considerations that affect the supply and demand for offshore wind energy utilizing \$50,000 in funding from Dominion Energy to study offshore wind energy in the United States and the European Union. The project was completed in 2014.	Virginia
2013	George Mason University		Dominion Energy partnered with George Mason University in Fairfax, Virginia. Under the partnership, \$25,000 in funding from Dominion Energy went toward studying decision guidance approaches to power optimization and guidance. The aim is to apply optimization tools and techniques to the operation of energy storage devices within a power distribution system. The project was completed in 2014.	Virginia
2013	George Washington University		\$150,000 (2013-2015): High-Efficiency Intermediate-Band solar Cells with Quantum Dots- Motivated by advancedments in nanotechnology, this project seeks to engineer solar cells that will use the unique properties of quantum dots to raise conversion efficiency of solar light into electricity. This project was completed in 2015.	Virginia
2013	Longwood University		Under a partnership agreement with Dominion Energy, Longwood University in Farmville, Virginia received \$50,000 in funding for a biomass optimization prototype study to assess the most efficient and sustainable methods to process biomass to increase the energy output of biofuels. The project was completed in 2014.	Virginia
2013	Old Dominion Energy University		\$500,000 (2013-2016): Development of a Test Facility for Photovoltaic systems - The establishment of a test facility to study issues related to economics,operation, maintenance,and performance of large-scale solar installations. This project has been completed.	Virginia
2013	Randolph Macon College		Randolph Macon College, Ashland, VA., \$96,000 (2014-2016): Integration of Battery Storage with Solar Distributed Generation - An exploration of the benefits of integrated battery and solar generation and support the development of energy conservation strategies for large-scale consumers. Deployed technologies include a 55kW rooftop solar installation and 7kW aqueous hybrid ion battery. Study initiatives include peak shifting, battery capacity and round trip efficiency testing, and solar degradation. This project has been completed.	Virginia
2013	University of Virginia		University of Virginia, Charlottesville, VA \$150,000 (2013-2015): Untralight Technologies for Offshore Wind Cost-of-Energy Savings - An engineering design and cost-of energy study to investigate the potential impact that segmented ultralight morphing rotors and hydraulic power transmission can bring to offshore wind energy cost. This project has been completed.	Virginia
2013	Virginia Commonwealth University		\$100,000 (2014-2016) Energy Harvesting: Developing Piezoelectric Materials for Passive Energy Harvesting - An investigation and development of advanced composite materials to harvest waste energy. This project has been completed.	Virginia

2013	Virginia State University		\$150,000 (2013-2016): Green Roof Initiative - Seeks to combine green roof and alternative energy technologies to improve the building energy efficiency and the sustainable use of irrigation water. This project has been completed.	Virginia
2013	Virginia Tech		\$300,000 (2013-2016): Center for Natural Resources Assessment and Decision Support - Establishment of anew center ensure VA forestes are used and managed sustainably for the benefit of ccurrent and future generations. This project has been completed.	Virginia
2013	Virginia Union University		\$150,000 (2013-2015): Sustainable Design Strategies: The collection of baseline energy usage data at campus facilities to be used in the design of energy efficient buildings and for sustainable design strategies. This project has been completed.	Virginia
	RPS R&D Partnerships - Total Capacity (MW)	N/A		
Other Dominion Energy Alternative and Renewable Energy Initiatives				
2012	Solar Investment Fund	17.3	In 2012, Dominion Energy formed Tredegar Solar Fund I, an entity managed by Dominion Energy's Corprate Strategies Group now called Spruce Finance Inc. Formally Clean Power Finance and focused on unregulated residential solar projects. The Fund owns residential rooftop solar systems that are originated and administered by Clean Power Finance, Inc., a provider of solar finance products, in which Dominion Energy has a small indirect equity investment. The systems are subject to power purchase agreements with third parties. In September 2013 and December 2013, Dominion Energy's Board of Directors approved incremental investments in the Fund, for a total authorized investment of \$90 million. As of August 2015, the Fund has installations in service totaling nearly \$90 million. The Fund is involved in the financing of residential solar rooftop projects in New Jersey, Massachusetts, and California.	New Jersey, Massachusetts, and California
2012	VCU Microgrid Project		As announced in March 2012, Virginia Commonwealth University and Dominion Energy are partnering to use the VCU School of Engineering's West Hall as a five-year test site for efficient energy technologies and research as a micro-grid project. VCU and Dominion Energy entered into an agreement that calls for the use of Dominion Energy experts, VCU engineering faculty and Facilities Management personnel and third-party products and services to gather and share power-consumption data. The technology involved with the project is designed to make continuous, real-time energy adjustments to the building, lights and equipment to save energy and lower costs. VCU and Dominion Energy, through its Corporate Strategy, are splitting the \$500,000 cost of the project, which includes the installation of hardware, control systems and solar panels to enable both parties to gather voltage data and analyze energy volume, timing, noise and cleanliness, as well as establish energy usage trends and equipment performance. VCU's Facilities Management staff has installed portable voltage monitors from Dominion Energy's technology partners to manage electrical usage and reduce peak power consumption.	Virginia

			EDGE(SM) technology, a product developed by Dominion Energy, has also been installed to capture energy and demand savings while the other technologies will predict power consumption and power reduction potential, send notifications prior to peak events and control and verify power reduction.	
2009	Dominion Energy Resources Innovation Center		The Dominion Energy Resources Innovation Center was founded in 2009 to provide start-up organizations with mentoring, engaged guidance, and business support services. Although member companies tend to be technology-oriented and clean tech/alternative energy companies, the center is always looking for solid business concepts with scalability. the Innovation Center was recently relocated to a repurposed firehouse in Ashland, Virginia.	Virginia
2015	Virginia Solar Pathways Project		<p>Dominion Energy and a partnership team were selected to receive a 3-year award for up to \$2.5 million from the U.S. Department of Energy to assist in expanding solar power in Virginia. The funding will be used to develop short- and long-term strategies to make solar energy more cost-competitive with traditional energy sources without raising rates for other customers.</p> <p>Dominion Energy's partnership team consists of the Virginia Department of Mines, Minerals, and Energy; the City of Virginia Beach; Old Dominion Energy University; Metro Washington Council of Governments; Bay Electric Co., Inc.; Piedmont Environmental Council; Virginia Community College System; and the National Renewable Energy Laboratory.</p> <p>Four solar studies have been completed that assessed the impacts of increased solar penetration on the generation, transmission, and distribution systems, the potential reduction of soft costs and tax normalization, as well as best practices for implementing community solar programs across the country. The results of these studies will be used to develop a solar strategy for the Commonwealth of Virginia in consultation with a team of stakeholders from across the Commonwealth.</p>	Virginia
	Other Alternative and Renewable Energy Initiatives - Total Capacity (MW)	17.30		

All Sections - Grand Total Capacity (MW)	3,536.07		
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