

Public Notice - Public Informational Briefing on Application for a

Public Notice - Public Informational Briefing on Application for a Prevention of Significant Deterioration (PSD) Permit - CPV Smyth Energy Center PURPOSE OF NOTICE: To announce a public informational briefing on an application for a PSD permit from the Department of Environmental Quality (DEQ) to limit air pollution from CPV Smyth Energy Center, a proposed electric generating facility in Smyth County, Virginia. PUBLIC MEETING: Atkins Elementary School, 5903 Lee Highway, Atkins, VA 24311 on May 15th at 6:30 p.m. PERMIT NAME: Prevention of Significant Deterioration (PSD) Permit issued by DEQ, under the authority of the Air Pollution Control Board APPLICANT NAME AND REGISTRATION NUMBER: CPV Smyth Generation Company, LLC; DEQ Air Registration Number 11750 FACILITY NAME AND ADDRESS: CPV Smyth Generation Company, LLC, 500 - 700 Mulberry Lane, Atkins, VA 24311 adjacent to the Mountain Empire Industrial Park in Atkins, Virginia PROJECT DESCRIPTION: CPV Smyth Generation Company, LLC has applied for a permit to construct the CPV Smyth Generation Company Energy Center (CPV Smyth), a natural gas-fired combined-cycle combustion turbine electric power generating facility having an electrical output capacity of approximately 700 megawatts. The proposed facility will consist of two Alstom GT24 combined-cycle natural gas-fired combustion turbines, two heat recovery steam generators with supplementary natural gas-fired duct burners, one natural gas-fired auxiliary boiler, one natural gas-fired fuel gas heater, one distillate oil-fired emergency fire water pump, one distillate oil-fired emergency generator, and turbine inlet chillers. The facility will be classified as a major source of air pollution and will be located in Atkins, Virginia. Emissions will be controlled through the exclusive use of natural gas in the combustion turbines as well as application of Best Available Control Technology, including selective catalytic reduction (SCR) for the control of emissions of nitrogen oxides (NOx), and an oxidation catalyst system for the control of carbon monoxide (CO) and volatile organic compounds (VOC). EMISSIONS: The maximum facility-wide annual emissions of air pollutants are currently expected to be: 80.1 tons per year (tpy) of total filterable and condensable particulate matter (PM), PM with a diameter less than or equal to 10 microns (PM10), and PM with a diameter less than or equal to 2.5 microns (PM2.5); 26.6 tpy of sulfur dioxide (SO2); 157.2 tpy of NOx; 105.6 tpy of CO; 46.3 tpy of VOC; 17.3 tpy of sulfuric acid mist; 2,335,189 tpy of carbon dioxide equivalent (CO2e); 130.3 tpy of ammonia (NH3); and 8.7 tpy of total hazardous air pollutants. AIR QUALITY IMPACTS: CPV Smyth will complete an air quality impact analysis including air quality modeling analyses of project impacts for comparison to National Ambient Air Quality Standards (NAAQS) and allowable PSD increments. The analysis would determine whether the maximum predicted impacts from the proposed facility would cause or significantly contribute to a predicted violation of any applicable NAAQS or PSD increment, and that modeled concentrations of all toxic pollutants would be less than the Significant Ambient Air Concentrations. CONTACTS FOR ADDITIONAL INFORMATION: Gener Gotiangco Fred Sellars CPV Smyth Generation Company, LLC Tetra Tech, Inc. 8403 Colesville Road, Suite 915 238 Littleton Road Silver Spring, MD 20910 Westford, Massachusetts 01886 Phone: (240) 723-2300 Phone: (978) 208-4074 e-mail: ggotiangco@cpv.com e-mail: fred.sellars@tetrattech.com Fax: (240) 723-32339 Fax: (617) 737-3480

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