



COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Central Regional Office, 627 Main Street, Worcester, MA 01608

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PUBLIC NOTICE
MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE PREVENTION
CENTRAL REGIONAL OFFICE
627 MAIN STREET
WORCESTER, MA 01608

Pursuant to 310 CMR 19.03 Public Notice for facility permit actions, the Department of Environmental Protection (DEP) is proposing to extend the expiration date for a Comprehensive Plan Approval and Prevention of Significant Deterioration plan approval previously issued for the proposed addition of three new peaking electric generating units in Medway, Massachusetts. These approvals were issued to Sithe West Medway Development LLC (now called Exelon West Medway, LLC) ("the Permittee"). The Permittees' mail address is 529 Main Street, Suite 605, Charlestown, Massachusetts, 02129. The approvals were issued in accordance with the provisions of Massachusetts General laws, Chapter 111, Sections 142A-142E and 142J, 310 CMR 7.00 Air Pollution Control Regulations, 40 CFR 52.21 Prevention of Significant Deterioration (PSD), and the Federal Clean Air Act.

Project Location: 9 Summer Street, Medway, Massachusetts

Project Name: Sithe West Medway Development LLC (now "Exelon West Medway, LLC")
Electric Peaking Facility
DEP Transmittal #W005046

Dates: A 30 day public comment period will be held. Comments must be in writing and must be received by the Department within 30 days of the date this notice appears in the newspaper. Comments should be addressed to The Department of Environmental Protection, Central Regional Office, 627 Main Street, Worcester, Massachusetts, 01608, Attention: Permit Chief. Request for a public hearing shall follow the applicable procedures of 40 CFR Part 124.

Summary: Sithe has informed the Department that construction for the Sithe Medway energy project (now called Exelon West Medway, LLC) will not be started within the allotted 18-month time frame noted in its approval and has requested an extension. The regulations allow DEP to give an extension. DEP is proposing to approve a limited extension of 12 months to construct. No other changes are being proposed to the original approvals.

Additional Information: The reasons for extending the approval deadline include: Emission limits remain consistent with current BACT (i.e. the control technologies has not changed); ambient air quality conditions have not changed (i.e. there are no new major sources to consider in the area); construction of the new facility would lead to improvements in the current facility including noise (i.e. new emission limits, fuel of use limits, noise limits and operating hour restrictions would apply to the existing equipment).

On December 15, 2000 the Department issued to Sithe West Medway Development LLC a conditional 7.02 and Appendix A air quality plan approval, Prevention of Significant Deterioration Approval (PSD) and Section 61 findings (TR# W005046) for a new 540 MW peaking electric power generating facility to be located on their existing Medway Station property. The project would consist of three nominal 180 MW General Electric Model 7FA advanced

technology simple cycle combustion turbines, equipped with dry low NOx combustors technology and fueled exclusively with natural gas.

310 CMR 7.00 Appendix A (10)(c) of the air pollution control regulations states in part " approval to construct shall become invalid if construction is not commenced within 18 months after receipt of such approval". [in this case June 15, 2002]. It also goes on to state" The Department may extend the 18- month period upon a satisfactory showing that an extension is justified."

In considering whether to give an extension the Department looked at the current status of emission limits for such facilities, current BACT, the circumstances related to the initial permitting and whether ambient emission conditions have changed since the approval. Little has changed since DEP issued the initial approval. The proposed new Sithe Medway plant (3 turbines at 180 MW each) would use state of the art gas fired GE model 7FA turbines equipped with LO-NOx combustors to achieve emission limits for NOx of 9ppm without further add on control. No ammonia is used. Extensive noise attenuation is required. In addition the approval calls for significant reduction in the emission limits for the existing Rolls Royce dual fuel turbines at the facility. During permit review consideration had already been given to the then proposed but not yet approved IDC facility as well as the two ANP projects in the area. The GE 7 FA operates at higher temperatures than other turbines. This higher temperature precludes the use of add on controls at this time. (i.e. it is not technically feasible to put SCR on the GE 7FA turbine when used as a peaking plant.)

Emission rates and limits will not be changed by this extension to construct. At maximum operation of the new and existing units, the primary emissions to the ambient air would consist of 483 tons per year (tpy) of Particulate Matter (PM), 157 tpy of Sulfur Dioxide (SO₂), 1,311 tpy of Nitrogen Oxides (NOx), 767 tpy of Carbon Monoxide (CO) and 62 tpy of Volatile Organic Compounds (VOC).

On December 24, 2002 Exelon Generation Company informed the Department of the purchase of Sithe New England Holdings LLC and of a name change associated with the project. Sithe West Medway LLC is now known as Exelon West Medway, LLC.

Copies of the extension request and proposed approval can be inspected during the 30 day public comment period at the following places: The Department of Environmental Protection, Central Regional Office, 627 Main Street, Worcester, Massachusetts, 01608 – Service Center. [Telephone (508) 792-7650, fax (508) 792-7621, during business hours of 8:45 a.m. to 5:00 p.m., Monday through Friday] and at the Medway Town Hall. For further information contact: Mr. Thomas Cusson, Permit Section, BWP-CERO @ 508-792-7650. The original approvals referenced in this notice are also available on the Department's Internet home page at <http://www.state.ma.us/dep/energy/sithe/sithe.htm>

Department of Environmental Protection
Central Regional Director
Martin Suuberg