

Kentucky State Board on Electric Generation and Transmission Siting
Notice of Intent to File an Application

Name of Applicant: Westlake Energy

Address: 2801 Post Oak Boulevard, Houston, TX 77056

Telephone: 713-960-9111

Project Description: Westlake Energy proposes to build a 520 MW combined cycle natural gas fired power plant adjacent to existing industrial land uses on a 26 acre site in Calvert City, Kentucky. The property is zoned heavy industrial but is currently undeveloped. The final design will consist of either a "2 on 1" or "2 on 2" configuration. The 2 on 1 configuration will consist of two combustion turbine, two heat recovery steam generators, and one steam turbine generator. The 2 on 2 configuration will consist of two CTs, two HRSGs, and two STGs. Westlake is evaluating three turbine models for the project, Siemens 843A, Westinghouse 501F, and General Electric 7FA. An air permit application with each of the equipment scenarios was submitted to the Kentucky Department of Environmental Protection Division of Air Quality in February 2000. A permit was recently issued for the facility.

Project Location: The project will be located within the Calvert City limits in Marshall County. The property does not have a street number, but is located on Highway 1523, Industrial Loop, Calvert City, KY 42029. The coordinates for the plant are 37° 2' 36" north, and 88° 19' 23" west.

Planning/Zoning: Zoning in the City is under the jurisdiction of the Calvert City Planning Commission at 1315 Fifth Avenue, PO Box 36, Calvert City, KY 42029.

Setbacks: The proposed site is zoned I2 Heavy Industrial. The setback requirements for this designation are 0 feet front yard, 0 feet side yard, and 0 feet rear yard. These setbacks are less stringent than those contained within SB 257, Section 3(2). Therefore, although the proposed facility meets local setback requirements, Westlake will be requesting a deviation from the statutory setbacks based on the location of the stacks within 1,000 feet of the closest property line.