

# Point Source Work Group Meeting Summary

**November 15, 2005**

The Point Source Work Group met for the fourth time on November 15, 2005, from 1:30–4:00 PM at NOACA's offices.

The Work Group heard a presentation from Green Energy Technologies Inc., which produces a wind turbine that can generate electricity from winds between 5 p.m. and 70 m.p.h. The turbine is designed to be used as back-up for loss-of-power situations or for use in "shaving the peaks" of high electricity consumption during any 24-hour period.

Two turbines will be built as demonstration projects, one at Case Western Reserve University and one at Cleveland-Hopkins Airport. Electricity and hydrogen will be produced. It is possible the SIP credits might be taken for the reduced electric power plant usage. SIP credits might also be possible for the hydrogen shuttle buses (one each) that will run at the locations. The date of implementation was unclear.

The Work Group noted that, in the long term, the "Smart Energy Towers" would be very useful to large businesses, in place of generators or reliance on electric power plants. The towers will also be used for cellular telephone purposes and wireless Internet purposes.

Ray Evans of First Energy reported, as requested, on nuclear energy. First Energy has no plans to expand use of nuclear energy at any time before 2010, the area's nonattainment date.

The LADCO point source potential controls were reviewed. Further controls on EGUs eliminate any options for power plants, as it would require controls on all power plants in the state. A study has been produced and delivered to LADCO by the electric generating industry that predicts widespread job loss if further controls on EGUs are implemented. Individual situations will remain under study by the Work Group.

Gasoline distribution facilities (GDFs) were considered for enhanced enforcement of Stage I venting. Ohio EPA and City of Cleveland will estimate a current non-compliance rate for the 858 GDFs in the nonattainment area.

The Work Group discussed the growth assumptions used by LADCO as compared to economic data for Northeast Ohio for the last 10 years. The economic data shows very little growth for Northeast Ohio. NOACA staff will continue to work with Ohio EPA, LADCO, and USEPA on a more realistic growth methodology for the area.

Doug McWilliams of Squire, Sanders, & Dempsey gave a talk on emissions credit trading banks, as successfully implemented in surrounding states. He noted that he would be meeting with Ohio EPA on the same topic, to see whether there was interest in such a bank. The questions of who would staff it and how it would be funded were raised. The Work Group agreed that such a bank would provide motivation for local sources to reduce NOx emissions, as the emissions would acquire a known market value.

The Work Group will meet next on December 12, 2005.

