

**West Campus Cogeneration Facility (WCCF)  
Advisory Committee Meeting Minutes  
June 2, 2006**

**Advisory Committee Members Present**

Karen Carlson, RNA  
John Harrod, UW-Madison  
John Hausbeck, City of Madison  
Don Peterson, MGE  
Jeff Schimpff, RNA  
Steve Schultz, MGE  
Ann Varda, RNA

**Others Present**

Bob Stoffs, MGE

The meeting was called to order at 7:35 a.m.

**Review of Previous Meeting's Minutes and Review of Today's Agenda**

There are no changes to the February 2, 2006, minutes. The minutes will be finalized, e-mailed to the Committee, and posted on MGE's Web site.

**Neighborhood Concerns or Issues**

Karen Carlson indicated some concerns about noise had been raised, but the noises seem to be from sources other than the Cogen plant. The UW Walnut heating plant caused extra noise by operating with the main doors open on one of the first hot days this year. The plant staff have been reminded to keep the doors shut during operation.

Karen also tracked a loud, early-morning noise to a backup generator being tested at the Veterans Administration Hospital. A late-night listening session is being planned in the neighborhood to detect and track down noise sources in the area.

**Cogen Project Updates**

- Operational Status

The UW and MGE recently received approval from the Public Service Commission on an agreement allowing operation of the WCCF chillers without using the facility combustion turbines. The original agreement required the turbines be used to power the chillers even when there is no need for additional electric generation.

**West Campus Cogeneration Facility (WCCF)  
Advisory Committee Meeting Minutes  
June 2, 2006**

Through a manufacturer-recommended inspection, MGE found the two combustion turbines in use at the WCCF have problems due to a manufacturer design defect. The turbines are being repaired to correct the problem. This involves removing the turbines from the plant and sending them to the GE repair facility in Houston, Texas.

After several adjustments and tests, the backup diesel generator is still slightly over the emission limit originally set by the DNR air permit. MGE will request the limit be increased slightly for this piece of equipment. The new limit requested will be the same as other generators of this model that MGE operates in the Madison area. The generator is designed to start up the WCCF in the event of a system-wide outage. Otherwise, it will only run briefly for monthly tests.

- **Street Reconstruction and Landscaping Status**

Street construction and landscaping around the facility are now completed including replacement of several trees that were damaged during a windstorm last year.

- **Recreation Field Restoration**

Grading and planting of the field and ponds are complete. The silt fence and wire grid that protected the new pond plantings from geese will be taken out later this summer. The grass should be established by fall, and the field should be ready for use.

### **Update on Water Mitigation**

Don Peterson reported that the WCCF water use mitigation systems have now been completed. A well drilled near the Nine Springs Sewage Treatment Facility is used to replenish the Yahara River during very dry periods for surface water used by the WCCF. This prevents reduced water levels that can affect river habitats during droughts. In addition, a groundwater recharge system is nearly complete to infiltrate excess stormwater from the Odana Pond into a rough area of ground at the Odana Hills Golf Course. The infiltration system is designed to replace the quantity of groundwater that is expected to be pumped into the Yahara River during very dry periods. The system has been completed except for landscaping and minor corrections and is now being calibrated and tested. Regular groundwater infiltration should begin this summer.

**West Campus Cogeneration Facility (WCCF)  
Advisory Committee Meeting Minutes  
June 2, 2006**

**Results of Post-Construction Noise Survey**

A final version of the noise survey conducted in September and October 2005 was distributed. There were no data changes from the draft version discussed at the February 2, 2006, Committee meeting. The report indicated the noise impacts from facility operation were very close to predictions in all neighborhood locations. Only the noise levels between the UW Walnut plant and the WCCF were higher than predicted, probably due to sound reflection between the buildings. The final report contained additional information and explanations of the noise-testing process and results.

A copy of the final noise survey will be posted on the WCCF section of MGE's Web site.

**Next Meeting Date**

The next meeting is tentatively scheduled for Friday, November 3, 2006, at 7:30 a.m. at Blessed Sacrament Parish Center, 2116 Hollister Avenue. Since the Committee has already met the required number of times for 2006, the November meeting will only be held if the members agree there are sufficient topics or issues for discussion.