

Alternate Generation Work Group
Minutes
For
February 10, 2005
Meeting

Introductions of the members

Discussion of the last meeting minutes with no objections

Combined Heat and Power:

Mike will integrate the databases of all the plants in Michigan for the modeling exercise. Don, Steve and Mike will discuss this integration method in a subcommittee.

Abby discussed the boiler locations and the assumptions used in her study. The map she presented is based on 2000 data.

Don brought into the discussion the Steam volumes and pressures that are required to determine turbine size. Fuel source is also an important factor.

Tom, Loch, and Abby will investigate the availability of data for cogeneration boilers.

Landfill Gas:

Marc discussed the database of the landfill and their potential in the state. EPA maintains this database as part of its Landfill Methane Outreach Program (LMOP).

800 KW generators are the standard for landfills

Three units are the minimum for most landfills to be economical

The vicinity of the transmission line has been a key economic determining factor

Interconnection costs seems to be the determining factor

50 plus MW potential for the future in landfill gas type generation is a reasonable expectation

Interconnection costs need to be addressed. Some Standardization and/or subsidization of these costs will have to be addressed, in order to bring more projects on line

Wind:

50MW required to be cost effective

5.5-6 cents/ kW is the price range to be reasonable

Tom discussed the 2000MW potential

Tom also invited the group to attend the Wind power meeting on March 17th at 10:00 here at the commission offices

Aerobic Digesters:

Herd size of 400 is required for this generation method

We need an equation starting at 5.5-6 cents/kw to evaluate.

Our Motto is:

“Roughly Right”

Next meetings are:

March 9 th at 10:00 a conference call

March 17 th at 1:00 meeting in Media Room first floor, Commissions Office