

**Notes from Conference Call with SSJF/Projections Work Group
April 7, 2005**

On the call:

Work Group: Lee Alter, Tom Moore, Lori Campbell, Dennis Schwehr, Bob Downing

ERG: Paula Fields, Marty Wolf

Agenda:

- Initial results of EGRID data for evaluating capacity factor and CAMD summary data for evaluating annual operational hours of EGUs
- Procedure for determining and making adjustments for atypical 2002 operation for non-EGUs
- Part F Table update

Handouts = EGU data.zip (4/7/05); Part F Table_Apr7.pdf; SSJF Projection Roadmap_Apr7.pdf

Results of EGRID and CAMD Data Analysis for EGUs

- Marty explained that the spreadsheet contains summary information from the CAMD website (for hours of operation as shown on the “SER” worksheets) and eGRID website (for net generation and capacity as shown on the eGRID worksheets):
 - The CAMD data show hours of annual operation, and percentage of 8,760 hours per year was calculated (red = 75% or greater; yellow = 50-75%; green = 25-50%; blue = less than 25%).
 - The EGRID data show net generation and nameplate capacity. Capacity factors were calculated by (net generation)/(nameplate capacity x 8760 hours), and then each was categorized (red = greater than 85% capacity; yellow 50-85% capacity; green less than 50% capacity)
- Dennis made several comments:
 - It is best to use the CAMD data instead of the eGRID data
 - There is not such thing as “atypical” for oil and gas fired units, since they will fluctuate depending on price of fuel. 2018 will be atypical as 2002; cannot be helped.
 - Coal-fired units will comprise the majority of the 85% capacity facilities (i.e., base load units), while natural gas units will fall into the lower capacity categories (i.e., peaking units).
- Lee said that the use of multiple years of data for this analysis was valid.
- The origin of the 85% capacity factor was discussed. Some felt that the work group should contact WRAP members who worked on the original “Integrated Assessment System” (IAS) as the factor was used in the model. Dennis will do some digging to try and find the background of this factor.
- The usefulness of this analysis remains in question. Any further analysis of these data should include separate examination of coal-fired and natural gas units.

Procedure for Adjusting Atypical Operations for EGUs

- ERG proposed to use a comparison between 1999 emission and 2002 emissions, in combination with data and anecdotal information received from the state agencies, to identify sources that could be operating in an atypical fashion during 2002 (i.e., have atypical emissions).
- ERG will develop this process in more detail for future consideration by the Work Group.

Part F Table Update

- Paula briefly reviewed the latest additions to the Part F Table. She pointed out where responses from agencies were pending.
- The group discussed the issue of whether a new facility identified by an agency that has not yet begun operation (e.g., has permit to construct or is under construction) should be added to the baseline projections as a “new facility”. It was decided that unless a facility has actually begun construction, that it should not be included as a new facility. This growth would be included with the growth factor applied at the SIC/SCC level for that industry.

Next call is scheduled for April 29 at 10:00 Mountain time.