

Status of EPA commitment to reformat CEM/EGU hourly data

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Presentation to the RPO National Workgroup

November 4-6, 2004

St. Louis, Missouri

Planned approach

- Obtain 2002 CEM hour-specific data in ASCII format.
- Obtain 2002 CEM-to-NEI crosswalk used for developing the 2002 NEI.
 - This will be set by EFIG based on past best data for facilities, stack parameters, and coordinates.
- Create a software program that converts the CEM ASCII format to the RPO format
 - Can adapt existing SMOKE routines to create this new program
 - Plan to convert local time steps to a consistent time zone of GMT

Ultimate goal of using the CEM data

- In correct location
- For correct hours
- Associated with correct stack parameters
- This means that the exact mapping between the CEM and NEI is only critical to get the correct SCCs (for speciation) and correct stack parameters (for plume rise).

Status

- Have requested 2002 NEI data in ASCII format from EPA/CAMD
- Finalizing approach for NEI facility/stack/process/segment/SCC submittals
 - Will keep constant, once CEM-to-NEI has been set.
- Conversion routine development in November