



Status of BART Analyses

Implementation Workgroup Meeting

April 17, 2007

BART Guidelines

- Final BART Rule issued July 6, 2005 Federal Register
- A BART-eligible source is one that:
 - Belongs to any one of 26 source categories,
 - Was built between August 1962 to August 1977,
 - Has the potential to emit > 250 tpy of any visibility impairing pollutant (SO₂, NO_x, PM, VOC, NH₃)
- Guidelines require BART-Eligible Sources to “contribute” (0.5 dV impact) to visibility impairment in order to be “Subject to BART”
- Demonstration can be made by modeling with CALPUFF

States with “Subject to BART” Determinations

- **Colorado**: has determined that units at 9 coal power plants & 1 cement plant are “subject”
- **Montana**: has determined that units at 2 coal power plants & 2 cement plants are “subject” (other determinations on going)
- **North Dakota**: has determined that units at 5 coal power plants are “subject”
- **Oregon**: has determined that units at 1 coal power plant, 1 oil fired turbine facility, 4 pulp & paper mills and an industrial boiler at 1 sugar refinery are “subject”
- **Utah**: has determined that units at 2 coal power plants are “subject”
- **Wyoming**: has determined that units at 5 coal power plants & industrial boilers at 3 chemical plants are “subject”

States being modeled by the RMC for “Subject to BART” Determinations

- Alaska, Arizona, New Mexico, Nevada, Utah, South Dakota & Montana have requested aid from the WRAP for “Subject to BART” modeling
- Preliminary Results have been completed, but on April 2nd, these states were notified that there were some “minor” errors in the CALPUFF modeling (data input errors in PM & ozone emissions)
- Not expected to cause any significant changes in results, but re-modeling is proceeding (Montana completed, others two weeks?)

Other States “Subject to BART” Determinations

- No updates available from Washington or Idaho prior to this meeting

Plant Name	Unit	Sulfur Dioxide	Nitrogen Oxides
		lbs/MM Btu	lbs/MM Btu
COLORADO SPRINGS UTILITIES-DRAKE PLT	Unit 5	0.730	0.390
	Unit 6	0.150	0.380
	Unit 7	0.150	0.390
PUBLIC SERVICE CO CHEROKEE PLT	Unit 4	0.128	0.280
PUBLIC SERVICE CO COMANCHE PLT	Unit 1	0.520	0.150
	Unit 2	0.540	0.150
PUBLIC SERVICE CO HAYDEN PLT	Unit 1	0.134	0.390
	Unit 2	0.131	0.280
TRI STATE GENERATION CRAIG	Unit 1	0.050	0.280
	Unit 2	0.050	0.270
TRIGEN-NATIONS ENERGY CO - Trigen Colorado	Unit 4	0.780	0.400
	Unit 5	0.780	0.280
PUBLIC SERVICE CO PAWNEE PLT	Unit 1	0.120	0.210
COLORADO SPRINGS UTILITIES - NIXON PLT	Unit 1	0.450	0.260
GREAT RIVER ENERGY - COAL CREEK	Unit 1	0.150	0.170
	Unit 2	0.150	0.170
GREAT RIVER ENERGY - STANTON	Unit 1	0.240	0.350
BASIN ELECTRIC POWER COOP - LELAND OLDS	Unit 1	0.390	0.290
	Unit 2	0.190	0.350
MINNKOTA POWER COOP INC - MILTON R YOUNG	Unit 1	0.240	0.360
	Unit 2	0.310	0.350
Portland General Electric Company - Boardman		0.150	0.230
PACIFICORP - Hunter Power Plant	Unit 1	0.120	0.260
	Unit 2	0.120	0.260
	Unit 3	0.100	0.340
PACIFICORP - Huntington Power Plant	Unit 1	0.120	0.260
	Unit 2	0.120	0.260

EGU BART Levels

- Sulfur Dioxide: 0.05 – 0.78 lb/MM Btu
- Nitrogen Oxides: 0.15 – 0.40 lb/MM Btu

BART Tracking Sheet

- The WRAP BART Clearinghouse Spreadsheet is available on the main WRAP webpage at:

<http://www.wrapair.org/>

or on the SSJF “General BART Information” page

<http://www.wrapair.org/forums/ssjf/bart.html>

- Will be updated with the most current information after this meeting