Utah Department of Environmental Quality
Division of Air Quality

RACT Analysis for Point Sources

What is RACT?

Reasonably Available Control Technology

DAQ conducted a technological feasibility analysis, which ranked controls using the following criteria:

- Reduction of Pollutants of Interest
- Economic Feasibility
- Energy Impacts
- Environmental Impacts
- Implementation Schedule

Examples of Selected RACT

Source	Control	Pollutant Controlled	Cost/Ton
Chemical Lime	Baghouse	39.36 tpy* PM_{10} 10.87 tpy $PM_{2.5}$	$25,310 PM_{10} $91,642 $PM_{2.5}$
Big West	Flue Gas Filter	34 tpy PM	$44,631
Refineries	Flare Gas Recovery	5 tpy PM 20 tpy SO_2 30 tpy NO_x 30 tpy VOC	$10,000-$85,000 (EPA estimate)

(*) TPY = Tons Per Year

The public provided comments and feedback on DAQ's findings and recommendations in the proposed $PM_{2.5}$ SIP during the official public comment period. The DAQ reviewed and made changes and adjustments to the proposed $PM_{2.5}$ SIP based on public feedback.