

Docket Number 06-SPPE-2
First Round Data Requests
El Centro Unit 3 Repower Project
July 2006

DATA REQUEST #28
VISIBLE PLUME MODELING

BACKGROUND

Staff intends to conduct a plume modeling analysis using the Combustion Stack Visible Plume (CSVP) model and the Seasonal Annual Cooling Tower Impact (SACTI) model for the El Centro project, as is done for all projects with cooling towers.

DATA REQUEST

28. Please indicate how many cooling tower cells will be turned on under different potential partial load conditions (i.e., when will all five cells be on, when will four cells be on, when will two cells be on, etc.?). Please also note if ambient conditions, such as cold temperatures, dictate when cells may be turned off.

DATA RESPONSE

The cooling tower has four cells. There are no automatic controls that control the number of cells in operation. The plant operators generally run all four cells independent of load.