

TABLE 4.5-26b
CUMULATIVE CHANGES IN EMISSIONS OF PM-10 AND PM-10 PRECURSORS BY
BAY AREA POWER PLANTS, 2005 AND 2015

<u>Source</u>	<u>Pollutant</u>	<u>Change in Power Plant Emissions</u> <u>(tons per year) Relative to 1999 Baseline^a</u>			
		<u>2005</u>	<u>2005</u>	<u>2005</u>	<u>2015</u>
		<u>A-Max</u>	<u>Variant 1</u>	<u>Variant 2</u>	<u>A-Max</u>
<u>Direct</u>	<u>PM-10</u>	<u>297</u>	<u>254</u>	<u>306</u>	<u>340</u>
<u>Secondary</u>	<u>ROG</u>	<u>13</u>	<u>12</u>	<u>12</u>	<u>15</u>
	<u>NO_x</u>	<u>-426</u>	<u>-437</u>	<u>-520</u>	<u>-407</u>
	<u>SO_x</u>	<u>7</u>	<u>7</u>	<u>6</u>	<u>8</u>
<u>Total PM-10:</u>		<u>-109</u>	<u>-164</u>	<u>-196</u>	<u>-44</u>

^a The net changes in emissions are based on emissions estimates shown in Table 4.5-26 (1999 Baseline and Cumulative 2005 A-Max), Table G-5 (variant #1), Table G-14 as revised pursuant to comments by Enron on the DEIR (variant #2), and page 4.5-59 (2015 A-Max)) and assumes that BAAQMD modifies its Regulation 9, Rule 11 to apply to new owners. Emissions for ROG, NO_x, and SO_x were adjusted by factors of 0.04, 0.17, and 0.08, respectively, to account for differences in the extent to which these pollutants contribute to regional PM-10 concentrations. The NO_x adjustment factor was provided by comments by SAEJ (see comment letter U, Comment 22) on the DEIR. The adjustments for ROG and SO_x are rough approximations taking into account their relative contributions to the regional emissions inventory and their relative contributions to regional PM-10 concentrations. Variant 1 and variant 2 are described in Chapter 5, Cumulative Impacts.

SOURCE: Environmental Science Associates