

**Estimating Emissions for Rule 2009 Facilities**

**Allocation Approaches**

A.  $[\text{Peak Activity} \times \text{Year 2000 EF} \times (1-0.27)] - [\text{Peak Activity} \times (\text{Lower of Year 2000 EF or new BARCT})]$

Peak activity based on CEC fuel use projections (April 2004).

B.  $[\text{Peak Activity} \times \text{Year 2000 EF} \times (1-0.27)] - [\text{Peak Activity} \times (\text{Lower of new BARCT or BACT/NSR})]$

BARCT is 9 ppm for boilers and turbines.

C.  $[\text{Peak Activity} \times \text{Year 2000 EF} \times (1-0.27)] - [\text{Peak Activity} \times (\text{permit limits @ Rule 2009})]$

**AQMP Approaches**

Basic Formula:  $2010 \text{ Emissions} = 1997 \text{ Actual Emissions} \times \text{Growth Factor} \times \text{Control Factors}$

D. 2010 Allocation – [2003 AQMP growth, CEC growth rate of 2.5% per year for Rule 2009 facilities (May 2001), and Rule 1135 new BARCT]

E. 2010 Allocation – [2003 AQMP growth, SCAG growth rate for Rule 2009 facilities, and Rule 1135 new BARCT]

F. 2010 Allocation – [Rule 1135 annual caps converted to daily limits  $\times$  (new BARCT / Rule 1135 emission factor)]