

**RULE 2700. GENERAL**

- a) For the purpose of this regulation, the following definitions shall apply.
- (1) **ADDITIONAL** means that the greenhouse gas reductions achieved throughout the duration of the activity that generates certified greenhouse gas emission reductions are: a) not occurring due to routine equipment replacement; or b) are not otherwise required or would occur as a result of any local, state, or federal regulation, or any legal instrument, unless authorized by the regulation or legal instrument, to ensure no double counting or inappropriate granting of reductions. The specific requirements for a reduction to be considered additional will be part of the quantification protocol for the specific project types.
  - (2) **CARBON DIOXIDE EQUIVALENT (CO<sub>2</sub>E)** means the amount of carbon dioxide (CO<sub>2</sub>) that would have the same global warming potential (see Table 1 of this rule) as a given amount of another greenhouse gas.
  - (3) **CERTIFIED GREENHOUSE GAS EMISSION REDUCTION** means voluntary greenhouse gas reductions that were generated pursuant to a protocol listed in Table 1 of this rule, and were verified by the Executive Officer, to generate real, additional, quantifiable, enforceable, and permanent (over a specified time period) reductions.
  - (4) **GLOBAL WARMING POTENTIAL** means the capacity to heat the atmosphere, calculated as the ratio of the time-integrated radiative forcing from the instantaneous release of 1 kilogram (kg) of a substance relative to that of 1 kg of CO<sub>2</sub>. Global warming potential shall be calculated according to the factors for a 100-year time horizon, as listed in Table 1 of this rule.
  - (5) **GREENHOUSE GAS** means carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), sulfur hexafluoride (SF<sub>6</sub>), hydrofluorocarbons (HFCs), or perfluorocarbons (PFCs).

- (6) PROTOCOL means a quantification methodology that is approved by the District Governing Board and that has concurrence from CARB's Board or Executive Officer, as listed in Table 1 of Rule 2701, for use in this regulation to accurately quantify voluntary reductions of greenhouse gases.
- (7) SoCAL CLIMATE SOLUTIONS EXCHANGE means the voluntary program offered by the District for certified greenhouse gas emission reductions that follow the requirements set forth in this regulation.

**Table 1**  
**Global Warming Potentials (GWP)**  
**(100-Year Time Horizon)**

<b>Gas</b>	<b>GWP</b>
CO <sub>2</sub>	1
CH <sub>4</sub>	21
N <sub>2</sub> O	310
HFC-23	11,700
HFC-32	650
HFC-125	2,800
HFC-134a	1,300
HFC-143a	3,800
HFC-152a	140
HFC-227ea	2,900
HFC-236fa	6,300
HFC-4310mee	1,300
CF <sub>4</sub>	6,500
C <sub>2</sub> F <sub>6</sub>	9,200
C <sub>4</sub> F <sub>10</sub>	7,000
C <sub>6</sub> F <sub>14</sub>	7,400
SF <sub>6</sub>	23,900

Source: Intergovernmental Panel on Climate Change (IPCC)  
 Second Assessment Report (IPCC 1996)