

PROPOSED RULE 2700. DEFINITIONS

- (a) For the purpose of this regulation, the following definitions shall apply.
- (1) **ADDITIONAL** means that the GHG reduction achieved throughout the duration of the activity that generates certified emission reductions are not otherwise required or would not occur as a result of any local, state, federal regulation, to ensure no double counting or inappropriate granting of reductions. The specific requirements for a reduction to be considered additional will be part of protocols or any legal instrument unless authorized.
 - (2) **CARBON DIOXIDE EQUIVALENT (CO₂E)** means the amount of CO₂ that would have the same global warming potential as a given amount of another greenhouse gas. (see Table 1 of this rule)
 - (3) **CERTIFIED EMISSION REDUCTION** means voluntary, GHG reductions that followed a protocol listed in Table 2 of this rule, and were verified by the Executive Officer or other California air district under an agreement with AQMD, to generate real, additional, quantifiable, enforceable, and permanent (over a specified time period) reductions.
 - (4) **CONTROL STRATEGY PROPOSAL** means a proposal to generate Certified Emission Reductions selected by the Executive Officer. Control Strategy Proposals shall include, at a minimum, information on the project description, monitoring, recordkeeping, and reporting mechanisms, schedule, and information on cost.
 - (5) **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 CO₂. Global warming potential shall be calculated according the factors for a 100-year time frame, as listed in Table 1 of this rule.

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- (6) GREENHOUSE GAS means carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), sulfur hexafluoride (SF₆), hydrofluorocarbons (HFCs), or perfluorocarbons (PFCs).
- (7) GREENHOUSE GAS AIR QUALITY INVESTMENT PROGRAM (GHG AQIP) means a voluntary GHG program in which moneys are paid to the District for use in funding GHG emission reduction strategies.
- (8) GHG AQIP EMISSION REDUCTION RESERVE means a pool of certified reductions that are available for use in the AQIP.
- (9) PROTOCOL means a quantification methodology approved by the SCAQMD Governing Board, and that has concurrence from CARB's Board or Executive Officer, for use in this regulation to accurately quantify voluntary reductions of greenhouse gases as listed in Table 2 of this rule.
- (10) SoCAL CLIMATE SOLUTIONS EXCHANGE means the voluntary program offered by AQMD for certified GHG emission reductions that follow the requirements set forth in this regulation.

Table 1

Global Warming Potentials (100-Year Time Horizon)

| Gas | GWP |
|--------------------------------|------------|
| CO ₂ | 1 |
| CH ₄ | 21 |
| N ₂ 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 ₄ | 6,500 |
| C ₂ F ₆ | 9,200 |
| C ₄ F ₁₀ | 7,000 |
| C ₆ F ₁₄ | 7,400 |
| SF ₆ | 23,900 |

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

Table 2

Approved Protocols

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|-----------------------------------------------|
| Forest Sector Project Protocol (October 2007) |
| Urban Forestry Project Protocol (*) |
| Manure Management Project Protocol (*) |

*Pending approval in September 2008