

WAC 463-80-030 Carbon dioxide mitigation program applicability.

(1) The provisions of this chapter apply to:

(a) New fossil-fueled thermal electric generation facilities with station-generating capability of three hundred fifty thousand kilowatts or more and fossil-fueled floating thermal electric generation facilities of one hundred thousand kilowatts or more under RCW 80.50.020 (15)(a), for which an application for site certification is made to EFSEC after July 1, 2004; and

(b) Fossil-fueled thermal electric generation facilities with station-generating capability of three hundred fifty thousand kilowatts or more that have an existing site certification agreement and, after July 1, 2004, apply to EFSEC to increase the output of carbon dioxide emissions by fifteen percent or more through permanent changes in facility operations or modification of equipment.

(2) **New facilities.** Any fossil-fueled thermal electric generating facility is required to mitigate CO₂ emissions as described in chapter 80.70 RCW, if the facility meets the following criteria:

(a) An application was received after July 1, 2004; and

(b) The station-generating capability is 350 MWe or greater; or

(c) The facility is a fossil-fueled floating thermal electric generation facility subject to regulation by the energy facility site evaluation council.

(3) **Modifying existing fossil-fueled thermal electric generating facilities.** A fossil-fueled thermal electric generating facility seeking to modify the facility or any electrical generating units is required to mitigate the increase of the emission of CO₂, as described in RCW 80.70.020, when the following occur:

(a) The application was received after July 1, 2004;

(b) The unmodified station generating capability is 350 MWe or greater;

(c) The increase to the facility or units is the greater of the following measures:

(i) An increase in station-generating capability of more than 25 MWe; or

(ii) An increase in CO₂ emissions output by fifteen percent or more.

(4) **Examples of fossil-fueled thermal electric generation units.** The following are some examples of fossil-fueled thermal electric generating units:

(a) Coal, oil, natural gas, or coke fueled steam generating units (boilers) supplying steam to a steam turbine - electric generator;

(b) Simple cycle combustion turbine attached to an electric generator;

(c) Combined cycle combustion turbines (with and without duct burners) attached to an electric generator and supplying steam to a steam turbine - electric generator;

(d) Coal gasification units, or similar devices, where the synthesis gas produced is used to fuel a combustion turbine, boiler or similar device used to power an electric generator or provide hydrogen for use in fuel cells;

(e) Hydrocarbon reformer emissions where the hydrogen produced is used in fuel cells.

[Statutory Authority: Chapters 80.70 and 80.80 RCW and RCW 80.50.040. WSR 08-14-064, § 463-80-030, filed 6/25/08, effective 7/26/08.]