

Asset Controlling Supplier System Emission Factors
For Use with 2014 Data

Pursuant to section 95111(b)(3) of the Regulation for the Mandatory Reporting of Greenhouse Gas Emissions (title 17, California Code of Regulations, section 95100 et seq.) (MRR), the California Air Resources Board (ARB) publishes emission factors for all recognized and approved asset-controlling suppliers (ACS) to provide electric power entities (EPEs) information about potential greenhouse gas emission compliance obligations associated with electricity from these sources.

For data year 2014, ARB recognizes and approves two asset-controlling suppliers based on reports submitted and verified pursuant to section 95111(f) of the MRR: Bonneville Power Administration (BPA) and Powerex. BPA is a federal agency which markets electric power from all of the federally owned hydroelectric projects in the Pacific Northwest. Powerex is the wholly-owned electricity marketing subsidiary of BC Hydro – Canada’s third largest electric utility – responsible for marketing BC Hydro’s surplus electricity in the western United States.

The ACS system emission factors applicable to 2014 data reported in 2015 are listed in Table 1.

Table 1 Asset-Controlling Supplier System Emission Factors for Data Year 2014 (Reported in 2015)	
Bonneville Power Administration (BPA) ARB ID #4000	0.0192 MT CO ₂ e per MWh
Powerex ARB ID #3101	0.0216 MT CO ₂ e per MWh

Use of Asset-Controlling Supplier System Emission Factors

Electric power entities reporting 2014 data to ARB in 2015, and future data in future years, may only claim power from an asset-controlling supplier (ACS) when the specified source requirements have been met. When reporting imported electricity supplied by asset-controlling suppliers under section 95111(a)(5), EPEs must utilize a power contract for a specified source in order to claim power from the asset-controlling supplier. The specific requirements for claiming a specified source of electricity are described in more detail in sections 95852(b)(3)(B)-(C) of the Cap-and-Trade Regulation (title 17, California Code of Regulations, section 95801 et seq.).

For technical questions about the calculation of the ACS system emission factors, please contact Wade McCartney at wmccartn@arb.ca.gov or (916) 327-0822. For general reporting questions, please contact David Edwards at dedwards@arb.ca.gov or (916) 323-4887.