



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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Asset-Controlling Supplier (ACS) Systems Emission Factor

Background

An asset-controlling supplier (ACS) is a specific type of electric power entity (EPE) approved and registered by Ecology. An ACS owns or operates interconnected electricity generating facilities or serves as an exclusive marketer for these facilities even though it does not own them. The ACS has been designated by Ecology with a published emissions factor for the wholesale electricity procured from its system. Electricity from an ACS is considered a specified source of electricity.

ACS System Emission Factors

Based on annual reports submitted to Ecology pursuant to WAC 173-441-070(3), Ecology will calculate and publish the system emission factor for all ACSs recognized by Ecology. The emission factors provide electricity purchasing and selling entities information regarding the carbon intensity of power sourced from ACS systems and can be used to report specified source electricity from ACS systems, subject to the requirements to claim specified source power. EPEs may only claim power from an ACS when the specified source requirements have been met. Specifically, in order to claim specified source ACS power, the EPE must have a specified source power contract, comply with seller warranty provisions in WAC 173-441-124(3), and meet all other applicable requirements.

Data Year 2026 - ACS Emission Factors:

For transactions of ACS power delivered during calendar year (CY) 2026, Ecology has approved Bonneville Power Administration (BPA) as an asset controlling supplier based on CY2024 reported data submitted by the applicants and independently verified pursuant to section WAC 173-441-085. Emissions associated with this factor will be reported by June 1, 2027. The 2026 assigned system emission factor for the approved ACS is provided below.

Table 1: Asset-Controlling Supplier (ACS) System Emission Factor (EF) for data year 2026 (reported in 2027)

Asset Controlling Supplier	Assigned Emission Factor
Bonneville Power Administration (BPA)	0.0497 MT CO ₂ e per MWh

Archive – ACS Emission Factors:

The assigned system emission factors for previous data years for approved asset controlling suppliers are provided below.

Table 2: Asset-Controlling Supplier (ACS) System Emission Factors (EF) for data years 2022-2025

Data Year	Asset Controlling Supplier	Assigned Emission Factor	Date Posted
2025 – Reported in 2026	Bonneville Power Administration (BPA)	0.0452 MT CO ₂ e per MWh	Oct. 10, 2024
2024 – Reported in 2025	Bonneville Power Administration (BPA)	0.0160 MT CO ₂ e per MWh	Jan. 25, 2024
2023 – Reported in 2024	Bonneville Power Administration (BPA)	0.0174 MT CO ₂ e per MWh	Jan. 6, 2023
2022 – Reported in 2023	Bonneville Power Administration (BPA)	0.0160 MT CO ₂ e per MWh	Jan. 6, 2023

Asset Controlling Supplier Registration

Pursuant to section WAC 173-441-124(3)(e) electric power entities (EPE) may register with Ecology as an Asset Controlling Supplier (ACS). To apply to be an ACS, submit an application by May 1st of the year preceding the data year for which the entity intends to be an ACS. Submission by this date is needed to ensure sufficient time to process and review the application for the upcoming reporting year.

ADA Accessibility

The Department of Ecology is committed to providing people with disabilities access to information and services by meeting or exceeding the requirements of the Americans with Disabilities Act (ADA), Section 504 and 508 of the Rehabilitation Act, and Washington State Policy 188. To request an ADA accommodation, contact Ecology by phone at (360) 742-1002 or email Gabrielle Treweek at Gabrielle.Treweek@ecy.wa.gov, or visit <https://ecology.wa.gov/accessibility>. For Relay Service or TTY call 711 or 877-833-6341.