WattCarbon

WattCarbon Energy Attribute Tracking System

The WattCarbon Energy Attribute Tracking System (WEATS) is the only registry designed specifically for distributed energy resources, enabling transactions of Energy Attribute Certificates (EACs) for any hour, from any clean energy resource.

WEATS is designed to support the transition from annual clean energy matching to full decarbonization of our energy system.

Transparent & Granular Tracking

WEATS enables hourly matching and impact based procurement by generating unique EACs for every watt-hour of energy, and including all attributes of the clean energy within each EAC.

Each EAC indicates specific attributes including grid emissions intensity, carbon impact, exact location, generation time and more, and is completely traceable and auditable. Organizations may buy & retire EACs for any time of day needed to meet hourly 24/7 goals or opt for an emissionality strategy by prioritizing carbon intensity.

EAC Exchange & Retirement

WEATS allows any participant to create and retire EACs in their own accounts, transfer EACs to a third party account, or list them for sale on the [WattCarbon Marketplace](). Each watt-hour EAC is assigned a unique serial number in WEATS so that watt-hours can be exchanged or retired on an individual basis.

EAC Registration & Certification

WEATS adheres to the open standards developed by [EnergyTag](). Each EAC device is registered by its owners (or a representative) and connected to a verifiable data source, so that environmental benefits can be precisely measured and properly attributed.

WEATS prevents double counting by assigning a unique ID for every watt-hour for each EAC and providing a publicly available interface for cross-checking sites and devices against other registries. The unique identifier enables WEATS to identify the specific source and timing of the underlying energy resources and allows for complete auditability for all transactions. Any audits or other reporting will be able to trace the claim to clean energy back to the source, including a complete history of all transactions subsequent to initial creation of the EAC.

Read more about WEATS [here]().