

Renewable Energy Attribute Credits Marketplace

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REC Market Reality

U.S. REC markets (M-RETS, GATS, NEPOOL-GIS, WREGIS) operate parallel registry systems. EU GO market operates under AIB framework. Emerging international renewable-attribute frameworks add further complexity.

Cross-registry composition, emerging hourly-matching requirements, and emerging international compliance integration all face structural friction.

Marketplace Primitive Fit

Each REC/GO transaction settles within architectural marketplace primitive. Registry authority, generation-asset authority, retirement authority all participate as credentialed parties. Cross-registry operations admit through declared federation.

Hourly-matching attestation, additionality tracking, and emerging time-and-location-matched renewable operations all integrate structurally.

Renewable Attribute Trajectory

EU AIB modernization, emerging FERC RFG-class reform, emerging international renewable-attribute frameworks all benefit from architectural marketplace substrate.