



WREGIS Basics

July 15, 2020

Andrea Coon
WREGIS Director

WREGIS

Western

Renewable

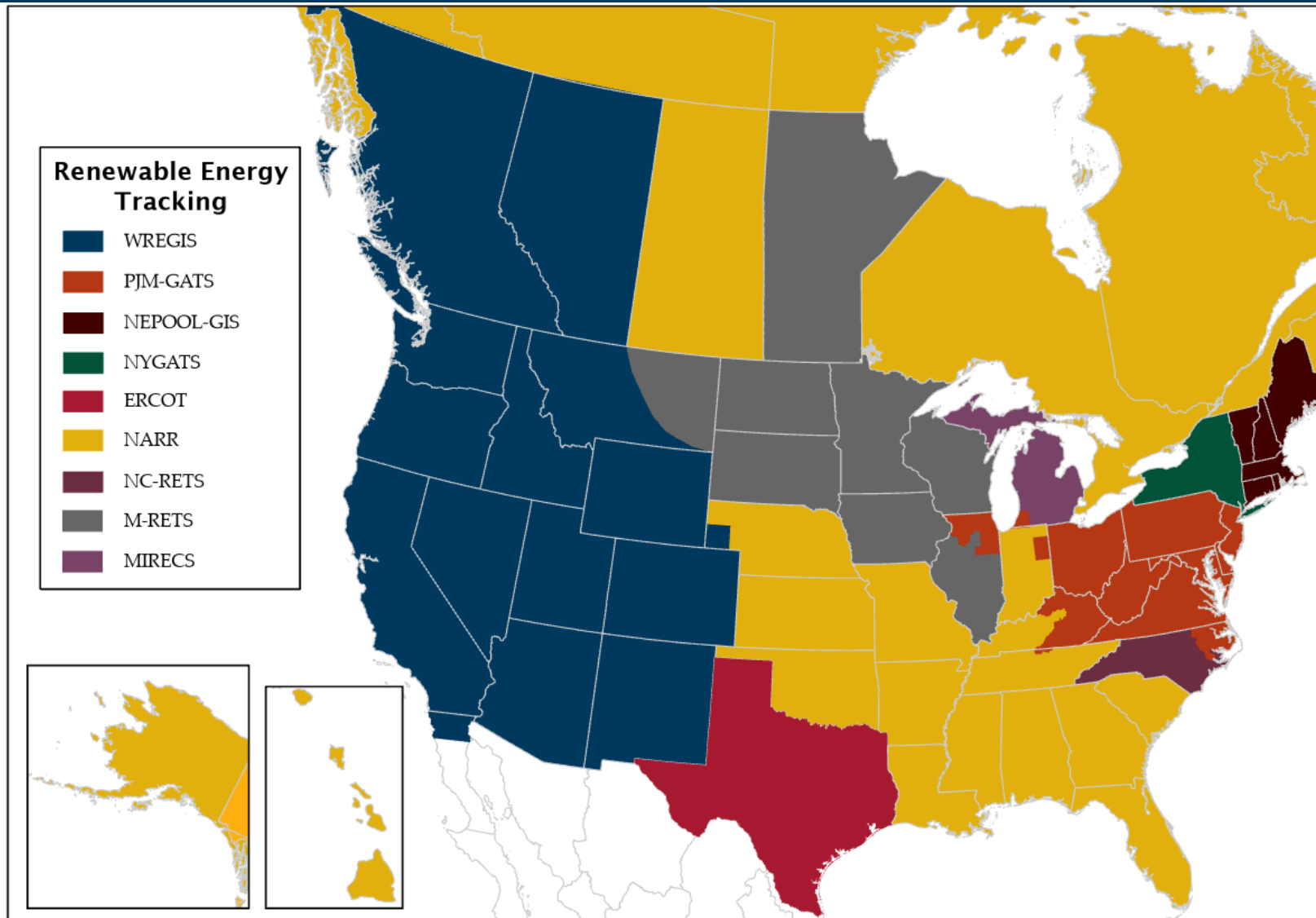
Energy

Generation

Information

System

Tracking System Territories



States and Provinces in WECC

Alberta

Arizona

British Columbia

California

Colorado

Idaho

Montana

Nebraska

New Mexico

Nevada

Oregon

South Dakota

Texas

Utah

Washington

Wyoming

Who Uses WREGIS?

User Type	Examples
Account Holders (AH)	<ul style="list-style-type: none">▪ Generator Owners▪ Load-Serving Entities▪ Brokers▪ Marketers▪ Any entity who wants to buy and sell Certificates
Qualified Reporting Entities (QRE)	<ul style="list-style-type: none">▪ Balancing Authorities▪ Non-Balancing Authorities
Program Administrators	<ul style="list-style-type: none">▪ State▪ Provincial▪ Voluntary

What does WREGIS do?

WREGIS issues, and tracks Renewable Energy Certificates (REC) used to verify compliance with regulatory and voluntary market programs by:

- Remaining policy-neutral;
- Using independent, verifiable, and reliable data;
- Protecting against double-counting to increase credibility and consumer confidence; and
- Facilitating voluntary market participation with commercial trading of WREGIS Certificates.

What does WREGIS *NOT* do?

WREGIS does not—

- Track *all* the renewable generation in the Western Interconnection, only what is registered in WREGIS.
- Monitor the market. WREGIS tracks RECs, not dollars.
- Set price caps on RECs or services.
- Monitor compliance with any federal or state regulatory statutes (FERC, NERC, WECC, etc.).

WECC and WREGIS

How did WREGIS start?

Why did WREGIS align with WECC?

Who supported the alignment with WECC?

What is the relationship between WREGIS and WECC today?

WREGIS by the Numbers

- 10 programs across the Western Interconnection actively use WREGIS for compliance
- 929 approved accounts with 2,000+ active users
- More than 7000 approved assets with a total nameplate capacity of 79,273 MW
- More than 100,000+ units within the 2000+ SSA groups

*All numbers as of October 2018 unless otherwise indicated

2017 MWH Tracked in WREGIS	
Created	159,286,216
Transferred	115,794,531
Retired	126,812,088

What are RECs used for?

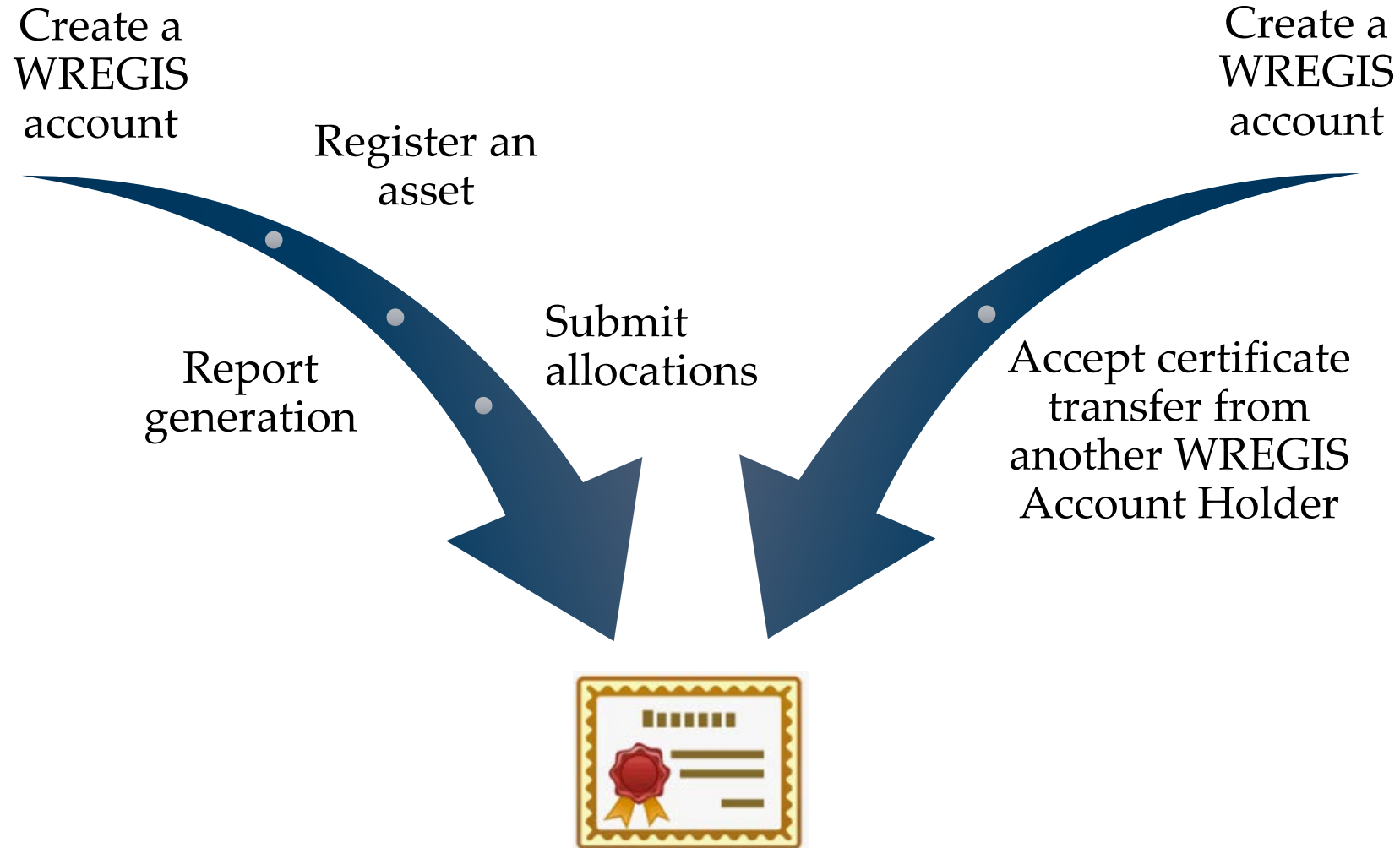
To contribute toward state Renewable Portfolio Standard (RPS) compliance

To show proof of “green” business practices

To offset use of non-renewable energy sources

To participate in residential utility pricing programs

How to get RECs



WREGIS RECs



1 MWh



1 REC

RECs are grouped into “batches” when issued based on—

- Fuel type
- Vintage (month/year)
- Asset registration

Asset Registration Process

Complete online registration form in WREGIS system



Provide verification documentation to WREGIS



WREGIS approves or rejects the asset upon review

Program Eligibilities

- PAs are selected during the registration process
- Selecting a PA allows the PA to view an asset and upload eligibility information that is included on created certificates

Just because a PA is selected during registration does not mean that generation is eligible for a given program. Generators must contact the program directly to verify eligibility.

Why does WREGIS use QREs?

- Provide independent, third-party validation
- Minimize opportunities for market manipulation
- Remove monetary incentive from generation numbers reported
- Ensure the same metering standards are applied uniformly

What does QRE do?

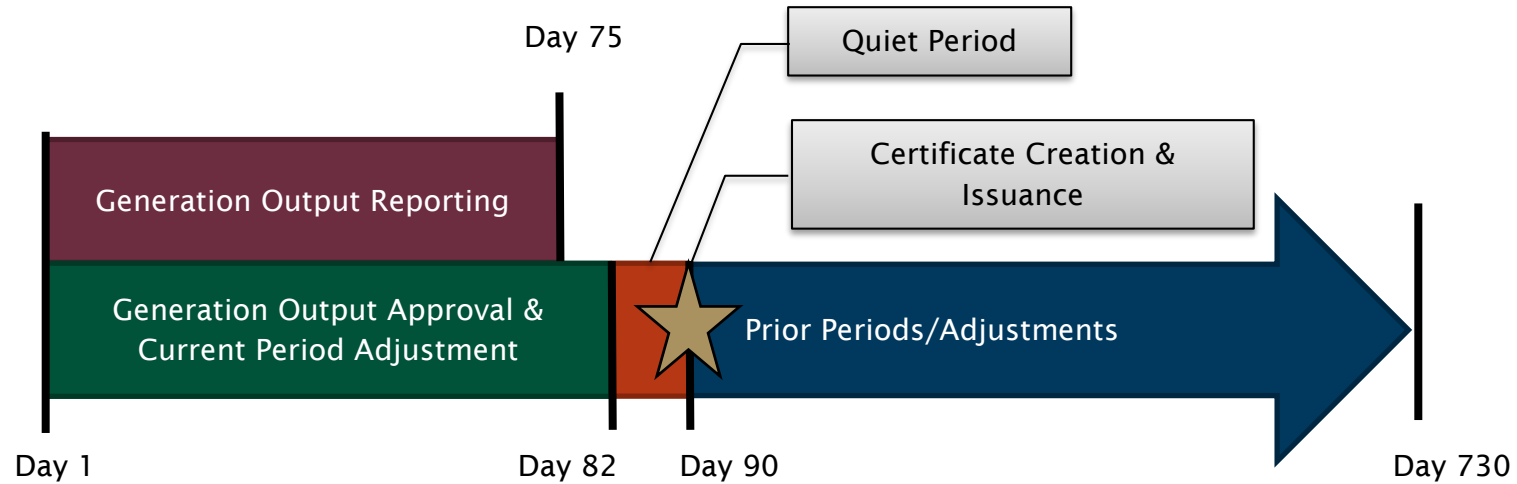


Coordinate reporting logistics with Account Holders

Collect and report generation data for current and prior periods

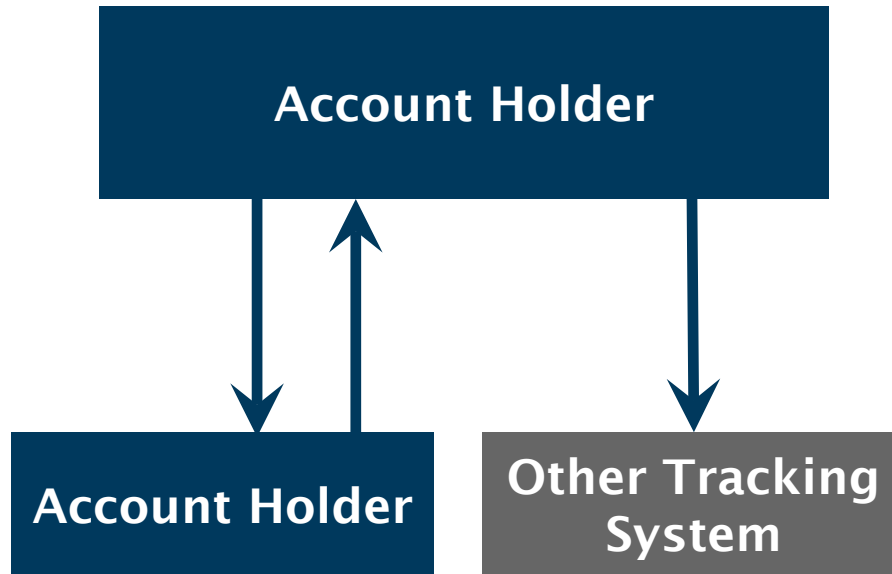
Respond to WREGIS audit requests

Certificate Issuance Cycle

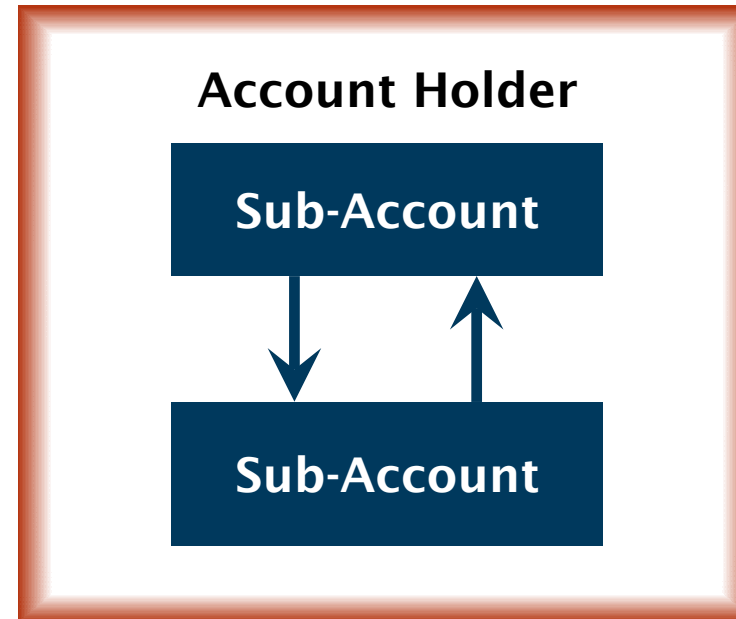


Certificate issuance cycle begins the first day after the end of the current period generation month.

Transfer Categories



Inter-Account Transfers
move certificates to or from a different WREGIS account or tracking system.



Intra-Account Transfers
move certificates from one sub-account to another within the *same* WREGIS account.

Retirements

Retirement Sub-Accounts

Where certificates reside once they have been used in WREGIS for various reasons (e.g., state, provincial, or voluntary compliance)

Retirement options allow for specific description of use whether compliance or voluntary

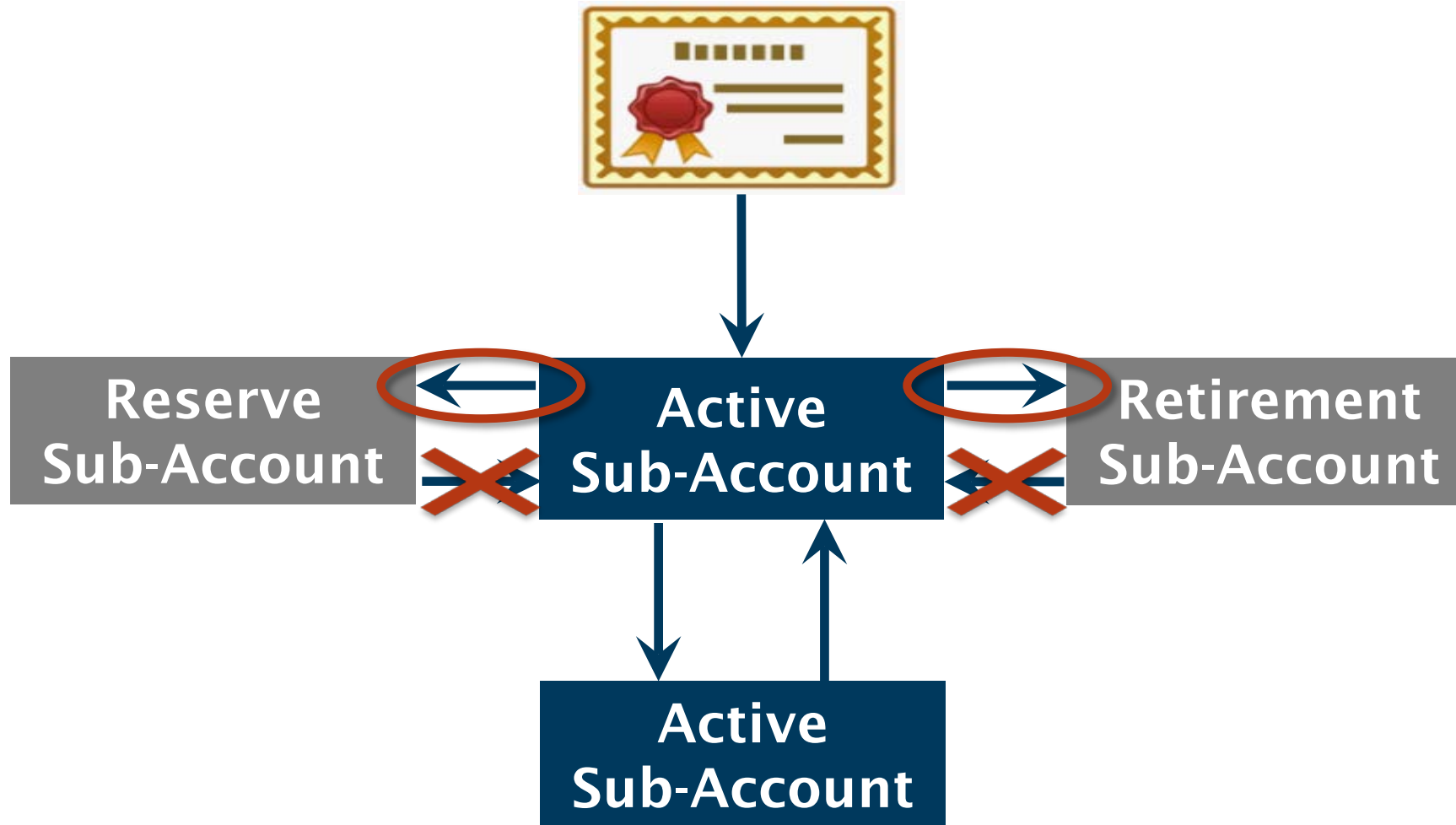
Moving Certificates



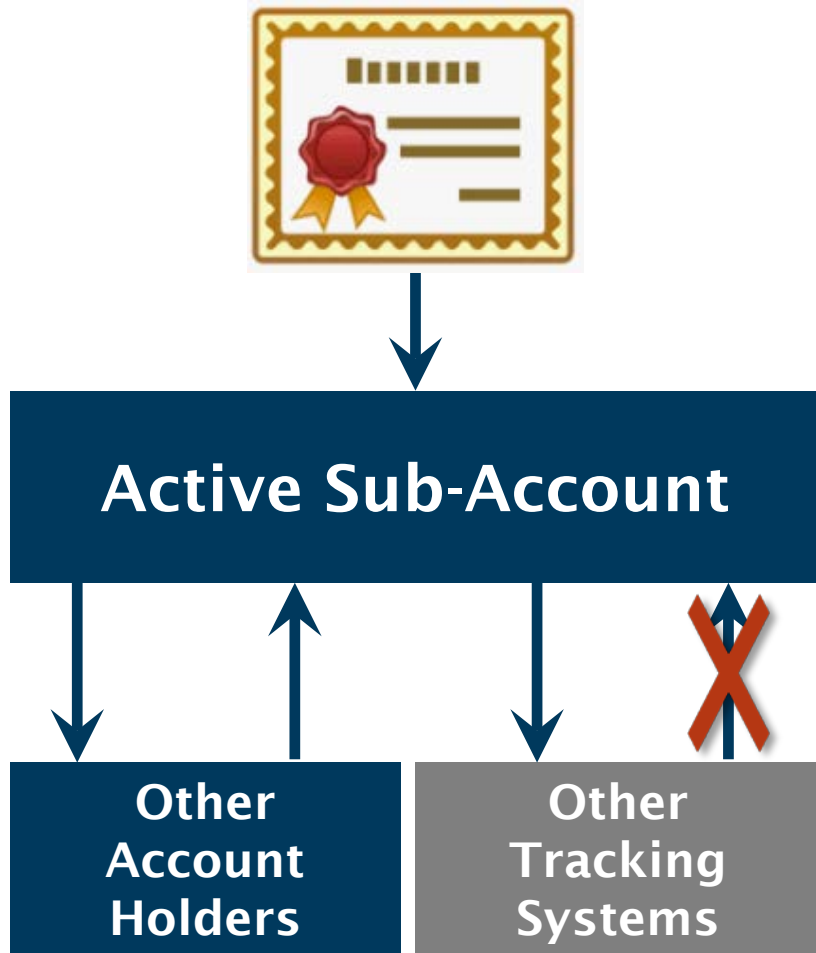
Certificates are moved from one sub-account to another using Intra-Account Transfers

- These can be one-time, standing orders, or forward transfers
- Process is the same as Inter-Account Transfers

Final Resting Places



Moving RECs Outside WREGIS



Account Holders can export WREGIS certificates into two other tracking systems:

1. NAR
2. NC-RETS

The counterparty must have an account in the receiving tracking system

Certificates cannot be imported into WREGIS from other tracking systems



WECC

Electric Reliability and Security for the West

Contact:

WREGIS Help Desk

(888) 225-4213

wregishelp@wecc.org