

Trading Mechanisms “Inter-registry Transfers”

ETNNA

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White Paper on “Inter-Registry Transfers” (IRT)

- Commissioned by WREGIS Working Group on Inter-registry Transfers
- Final paper available on ETNNA website (www.etnna.org)
- Builds on “Impacts on Tracking Systems of Federal RES” (also on website)

WHITE PAPER SUMMARY

- Working group Chair – Kari Chilcott Clark
Excel Energy
- Originally focused on WREGIS but
expanded to all systems
- More manageable task than originally
thought

Goals of IRT System

- **Adaptable** – Different regions, fed/state, various market actors
- **Feasible** – Systems can opt-in when convenient
– move at different speeds
- **Audits & Reconciliation** – Track regardless of number of transfers and protect against double counting/double issuing

Guiding Principles

- **Policy Neutral** – Eligibilities still defined by registries, regulators, voluntary programs
- **Tracking System Neutral** – Protocols applicable to all systems
- **Scalable** – Appropriate for broad use and large, robust markets

NEXT STEPS

- An Inter-Registry Transfer Pilot Project
 - Develop technical communications protocol
- Development of Advisory Committee
 - Design coordinating structure

Advisory Committee Tasks

- Advise on protocol issues unique to non-pilot project system participants
- Design the Coordinating Structure
- Advise on Coordinating Structure Fees

Coordinating Structure

Guiding Principles

- Facilitate necessary IRT services
- Scalable
- Minimize changes needed to existing systems
- Compatible with state RPS services
- Compatible with voluntary market services
- Avoid duplication of efforts, and have minimal cost impacts compared to other options

Coordinating Structure Functions

- Repository for data collected by importing/exporting systems
- Identifies data required by each system as condition of accepting imports
- Translates these data needs into electronic protocol
- Maintains master list of projects and pertinent static data
- Maintains record of I/E transactions as part of audit and reconciliation process

Specific Issues in White Paper

- Import Protocols
- Export Protocols
- RECs reentering originating system
- Costs associated with coordinating functions
- Serial numbering system

Advisory Committee

Please indicate interest in participation

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Alternative Coord Structures

<p>Bilateral Agreements</p>	<p>Simple, easy to phase-in</p>	<p>Duplication of efforts & costs, Not scalable, nor good for RES, not protect against double counting</p>
<p>New Uniform System</p>	<p>Could reduce coord. function tasks & simplify commun. protocol</p>	<p>Require changes by all systems, expensive, not address needs of RES, ntl. audit, dbl counting</p>
<p>New Federal System</p>	<p>Eliminates need for tracking systems to do anything</p>	<p>Regional systems loose control & may not serve state needs. Investments could be lost</p>
<p>Ntl Coordinating Structure</p>	<p>Consistent with principles & functional needs. Costs minimal.</p>	<p>Requires tracking system and user cooperation.</p>

Special Numbering System

- Recommend using parent REC serial number (may normalize at later time)
- Add letter for tracking system identification (e.g. W = WREGIS, E = ERCOT, Etc)
- Add suffix for federal REC = e.g. F
- Add suffix for multipliers – 1, 2, 3

Example: #W898989-F1(2)

Pilot Project Objectives

- Meet import/export needs of participating systems
- Compatible with what might be necessary for Federal RES
- Be scalable for large, robust REC market
- Minimize costs to both systems and users
- Not restrict ability of systems to provide services for which they are designed