

WHITE PAPER
“System Changes to Serve a Federal
Electricity Standard”

ETNNA

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Tracking & Federal RPS

BOTTOM LINE:

Not technically difficult to integrate Federal RPS into existing tracking/registry systems

Summary: Tracking & Federal RPS

- Need existing systems to develop protocols for inter-registry imports/exports
- Need national registry gleaned from existing systems for admin of federal program
- Need coordinating function to guard against double counting/double issuing
- Create FREC retirement accounts

RECOMMENDATIONS

- Size of FREC – recommend 1 MWh
- Issue all FRECs to generators with protocol to transfer under exceptions
- Serial number identification revisions to avoid double counting
- Resource Eligibility & Vintage – Not an issue, already handled by systems
- Protocols for Small DG – Needed for some systems
- Handling of EE certificates -- unclear

Single vs Dual System

Dual System

* FREC separate

Both fully tradable

Single System

* FREC part of data set

Single System:

- Easier to track whether separated
- Easier to avoid double counting/issuing
- Bundled transactions easier, less costly

Special Numbering System

- Recommend using parent REC serial number
- 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)

Single REC System

1 MWh =

Delivered Energy

REC Attributes

Data Set:

- Technology type
- Fuel type
- Project Size
- Location
- Operational date
- REC issue date
- FREC Eligible
- Multiple credits

Conclusion

We have to see what happens with final legislation

Meanwhile – we are working on inter-registry transfers

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