

Features Proposed Federal RES Relevant to Tracking Systems
 Prepared by Jason Marks, NM Public Regulation Commission

	HR2454 - "ACES" (Waxman Markey)	S 1462 "ACELA" (Bingaman)
Technologies	<p>"Renewable Energy Resources" Wind, Solar, Geothermal, Renewable Biomass, Renewable Biogas, Renewable Biofuels, Marine/Hydrokinetic, "Qualified Hydropower" (new or incremental 1/1/1988 and later)</p> <p>"Other Qualifying Resource" Landfill gas, wastewater trtmt gas, coal mine methane consumed at mine mouth, qualified waste to energy (MSW, demolition waste; greenhouse emissions < alternate disposal)</p> <p>Energy generated from mixed/hybrid facilities shall be pro-rated</p>	<p>Solar, wind, geothermal, ocean, biomass, landfill gas, Qualified hydro (1992 or 2001), marine/hydrokinetic, incremental geothermal, coal-mined methane, qualified waste to energy (MSW), new innovative renewable</p> <p>Energy generated from mixed/hybrid facilities shall be pro-rated</p>
Efficiency/CHP	Count towards part of RES, but is documented by a "Report," not with credits/certificates	<p>Fed EE Certificates are issued, traded, and submitted for compliance</p> <p>Certs are issued for qualified energy savings achieved after effective date, relative to baseline. Include customer energy savings, CHP.</p>
Weighting/Multiplier	1 Renewable Energy Credit (REC) per MWH, except that 3 RECS "shall be issued" for DG (and possible to have different DG cohorts receiving different multipliers)	1 Renewable Energy Credit (REC) per kwh, except that Scty shall "allow double credits" for Indian Land; triple credits for Small DG or algae; graduated credits for biomass based on efficiency (conversion efficiency?), including thermal use?
Entity w/ Compliance Obligation	Retail electric supplier selling 4M MWH/year retail or Central Procurement State	Retail electric utility w/ 4M MWH of sales, or state
REC Issuance	Commission issues to Generator, assigned unique serial no., except (a) in ACP states, RECs issued directly to retail utilities or directly to State undertaking compliance oblig, (b) RECs for pre-RES PPAs issued to utilities	Issed to generator or to utility in state with ACP, RECs from pre-RES PPAs issued to energy purchaser
Administrator	FERC	DOE
Registry	See below	Scty can delegate to regional entities the "tracking of dispatch of RE"; Scty can delegate market-making function for RECs and EE-Certs;
Effective Date	January 1, 2012	January 1, 2011
Banking	No RECs for generation prior to start date, may be banked 3 years	three years
Trading	Permitted w/o limits	transfers explicity authorized only within utility holding cos.
Compliance Cycle	Previous calendar years' RECs submitted by following March 31. Annual Cycle	Calendar year

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Interaction w/ State Programs	<p>Admin shall to extent practicable preserve integrity of state programs and adopt best practices, rely on existing/emerging state/regional tracking systems, minimize burdens.</p> <p>States not prevented from imposing more stringent RPS requirements, but may not relieve utilities of any federal obligation.</p> <p>States may regulate the acquisition & disposition of F-RECs by entities under their jurisdiction and can require entities to retire F-RECs in excess of the RES</p>	<p>Scty shall consult w/ states and coordinate to extent practicable</p> <p>State authority to adopt or enforce any law regulating renewable energy, efficiency, or retail utilities "is not diminished"</p>
Other	<p>RES % is applied to "base amount" that excludes non-qual hydro, new nuclear, CCS. Entity w/ compliance oblig may satisfy all/part with \$25 ACP</p>	<p>RES % is applied to "base amount" that excludes non-qual hydro, new nuclear, CCS. \$21 ACP</p>