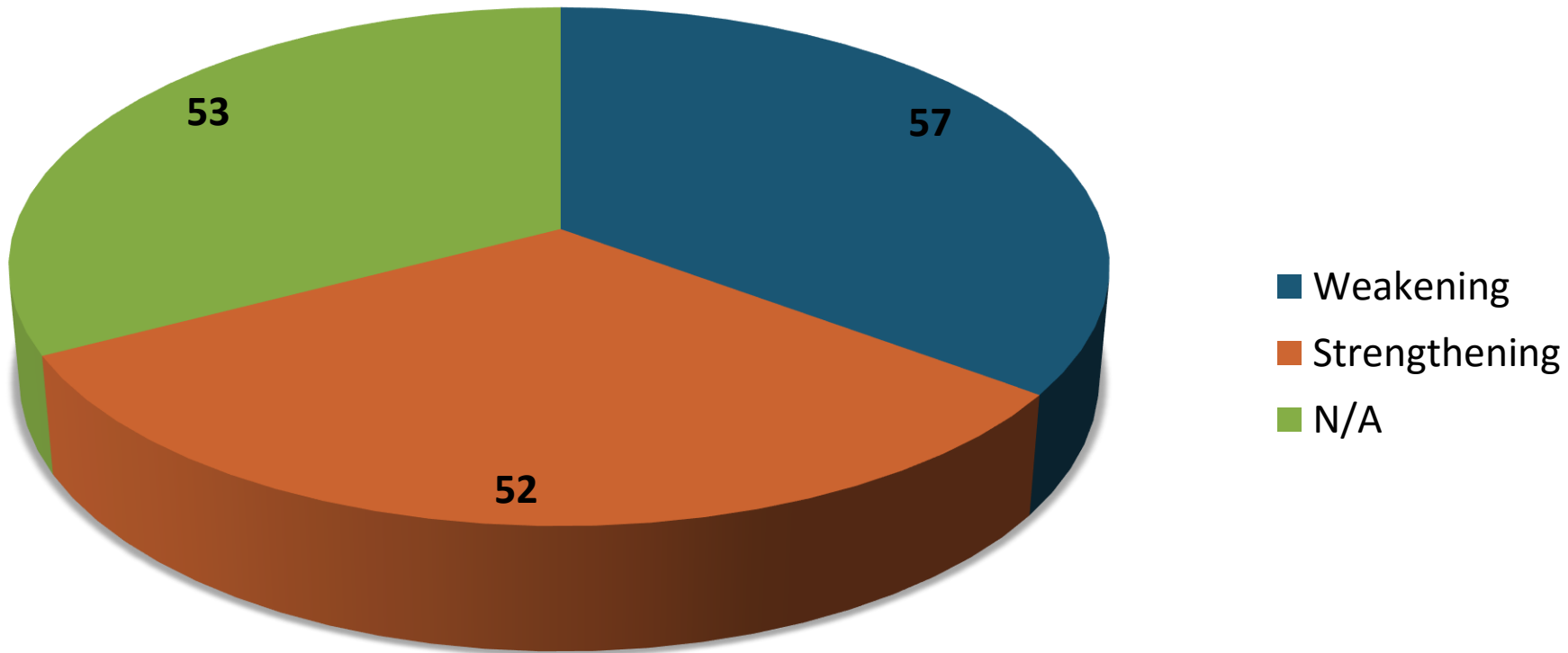




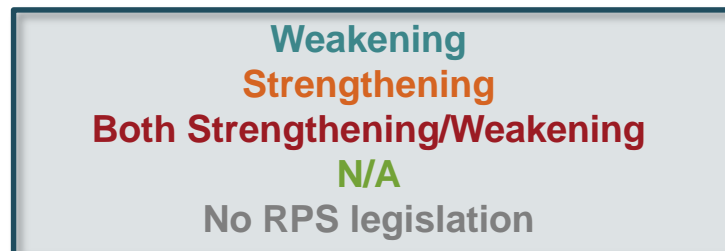
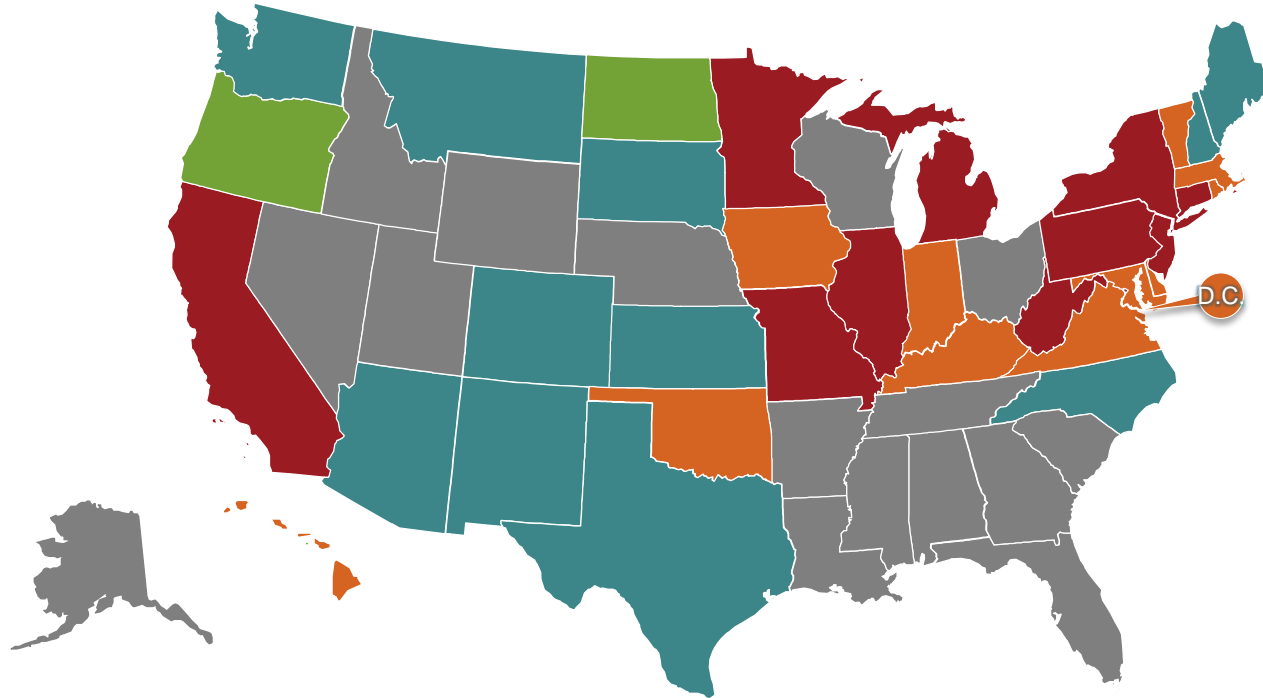
2015 RPS Legislation

Justin Barnes
Director of Research
EQ Research, LLC

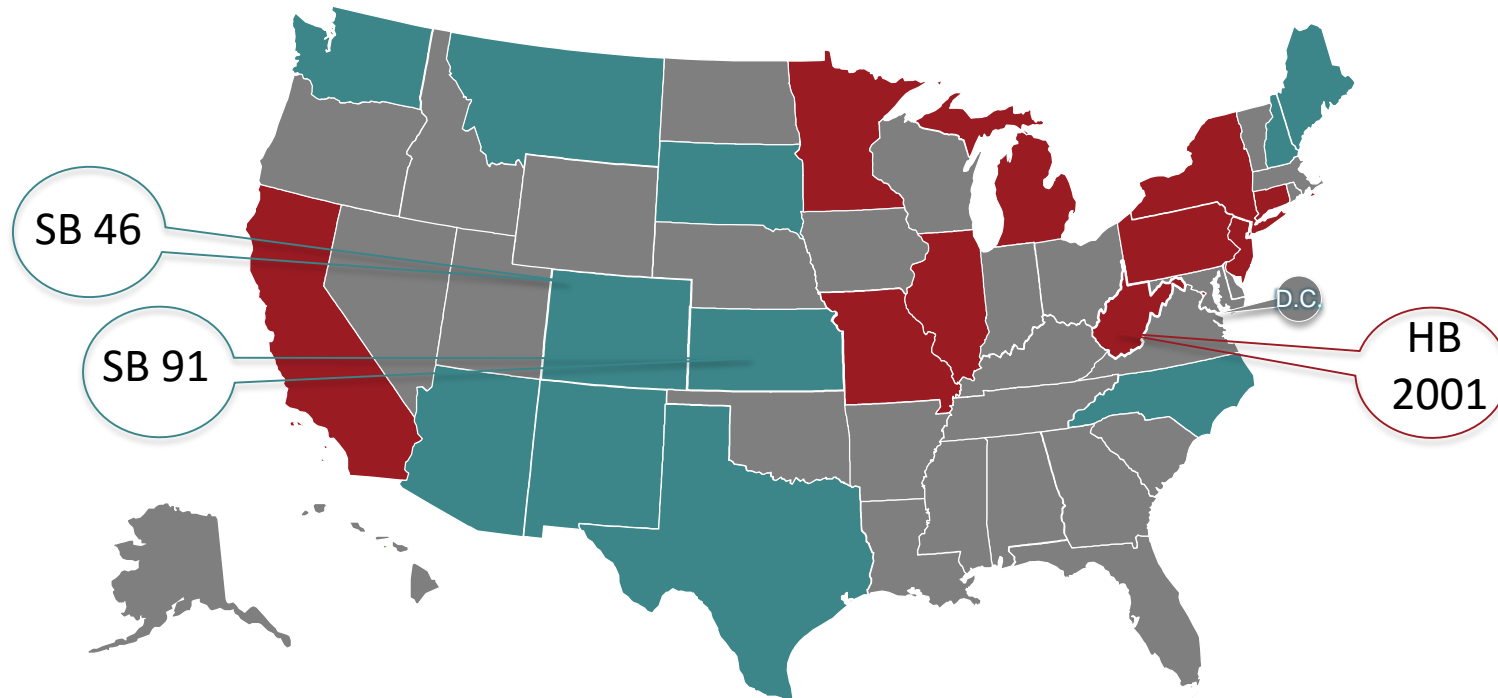
Final Tally: RPS Legislation



RPS Legislation Across the Country



RPS Weakening Legislation



Weakening
Both Strengthening/Weakening
No Weakening legislation

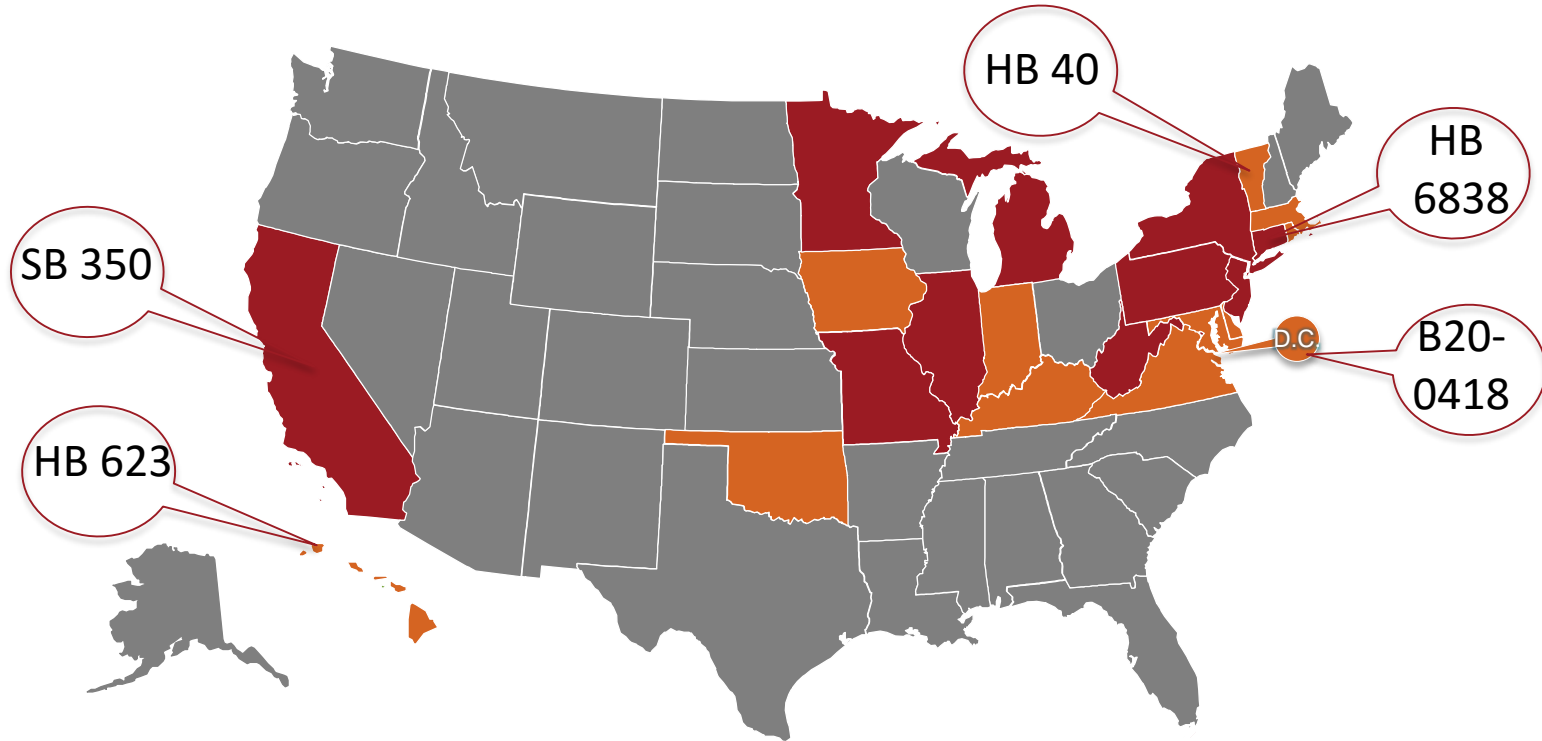


RPS Weakening Legislation

- Includes: Repeal, Freeze, Exemptions, Expanded Resource Qualification, Carve-Out Elimination
- 3 Enacted:
 - **CO: HB 46 (Minor)**
 - DG exemption for industrial load for co-ops
 - **KS: SB 91**
 - Standard made voluntary
 - **WV: HB 2001**
 - Repealed voluntary
 - **MT: SB 114 (Vetoed)**
 - Eliminate hydro nameplate restriction



RPS Strengthening Legislation



Strengthening
Both Strengthening/Weakening
No Strengthening Legislation



California SB 350

- Increase to 50% by 2030
 - Current: 33% by 2020
 - Interim steps of 40% (2024) and 45% (2027)
- Unlimited Bucket #1 Banking
- 65% under 10 yr. + contracts
- Off-ramp for transportation electrification
- Much and more (IRPs, GHG, reliability, etc.)



Hawaii HB 623

- Increase to 70% by 2040 and 100% by 2045
 - Currently 40% by 2030
 - Off ramp for targets beyond 2030 if targets do not benefit Hawaii compared to fossil fuels
- Increase 2025 target to 30%
 - Currently 25%



Vermont HB 40

- Replace voluntary with mandatory (RESET)
- 55% by 2017, 75% by 2032
 - Current goal (SPEED) is 20% by 2017
- DG carve-out (new, 5 MW or less) – 10% by 2032
- Energy Transformation Target: 12% by 2032
- ACPs \$10/MWh for RE; \$60/MWh for DG/ET



DC B20-0418

- Revises Tier status for some biomass
 - Tier 1 = 65% + efficiency, 2007 or later
 - Tier 2 = Black liquor, 65% efficiency or less, 2006 or earlier
- Expressly eliminates construction & demolition debris & whole trees (unless closed loop)
- Effective 12/31/2017



Connecticut HB 6838

- Solar Home RECs (SHRECs)
 - Residential solar 20 kW or less
- 300 MW or 2022
- SHRECs → CT Green Bank → Utilities
- Price cap: small ZREC price or \$5 less than ACP (\$55/MWh)

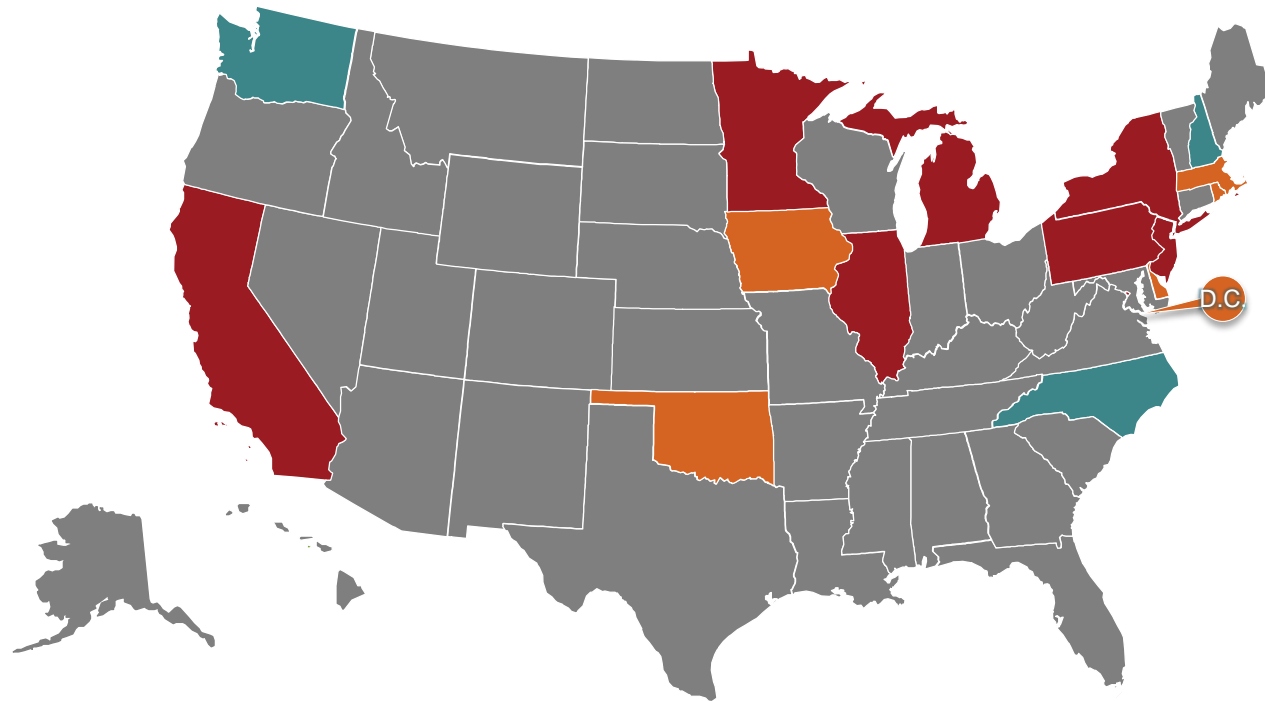


Central Themes?

- Super-sized RPS targets
 - 3 at or above 50% in a single year
 - Focus on integration/GHG emissions
- Continued Repeal Efforts
 - NC, ME likely remain targets
- First Set of “Expirations”
 - MI, MT, TX, WI plus goals in OK, SD, ND
- Community RE & DG: Major players?



Pending RPS Legislation



Weakening
Strengthening
Both Strengthening/Weakening
Inactive, No Carry-Over

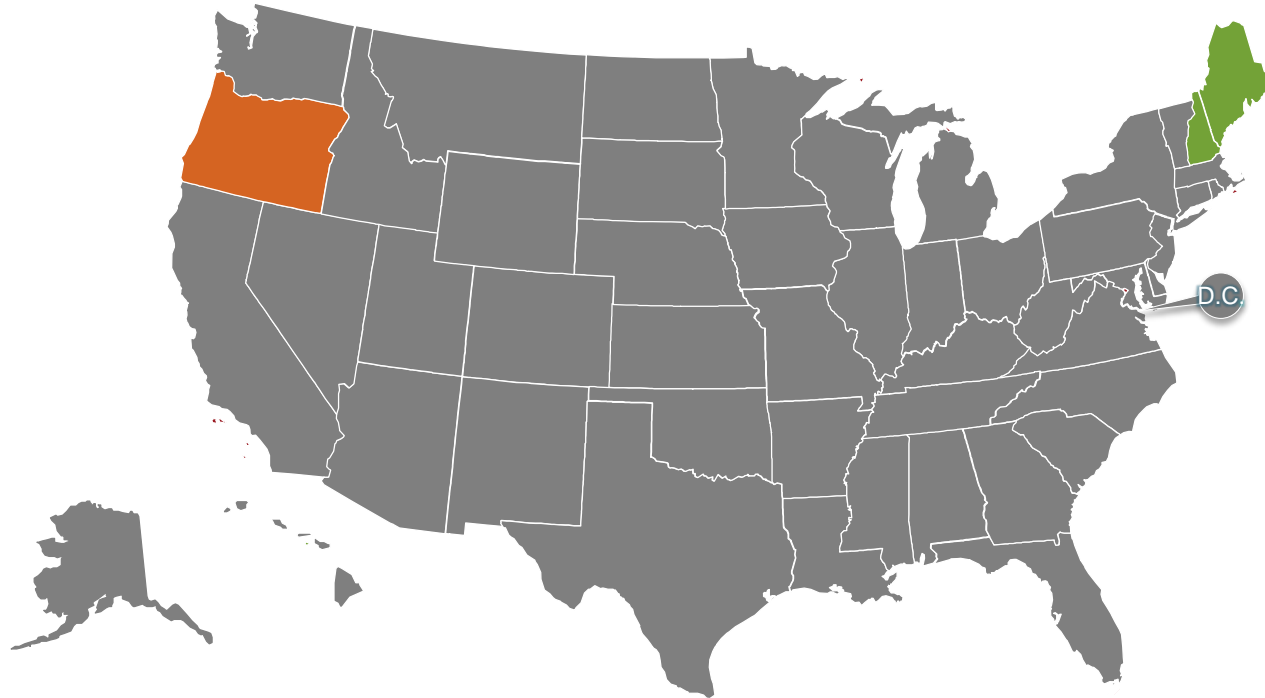


Pending Legislation in 2015

- MA: Numerous, in flux
- MI: HB 4518, SB 295 (post-2015)
- PA: SB 743, HB 100 (Expand/increase)
- DC: B21-0412 (SACP maintenance)
- NJ: SB 2444, AB 4224 (Expand/increase)



2016 RPS Legislation



Weakening
Strengthening
N/A



Questions??

Justin Barnes

EQ Research, LLC

jbarnes@eq-research.com

