

House Energy and Technology Committee

Washington Electric Cooperative

January 25, 2019

Patty Richards

About WEC

- Electric Cooperative – Not for Profit
 - Established in 1939
 - Member owned
 - Created by and for those without power
 - investor owned utility would not extend lines to rural landscape
- Size
 - Peak 16 MW (Winter)
 - State of VT ~ 1,000 MW Peak (Summer)
 - 68,000 MWH Retail Sales Annually
 - 1.3% of State Load
 - 10,800 meters/members
 - 41 towns 4 counties Central Vermont (Washington, Orange, Orleans, Caledonia)
 - 17% of Vermont Towns
 - 96% of our members residential
- Board of Directors
 - Nine Directors
 - Set Policy
 - All Members
 - Annual Meetings



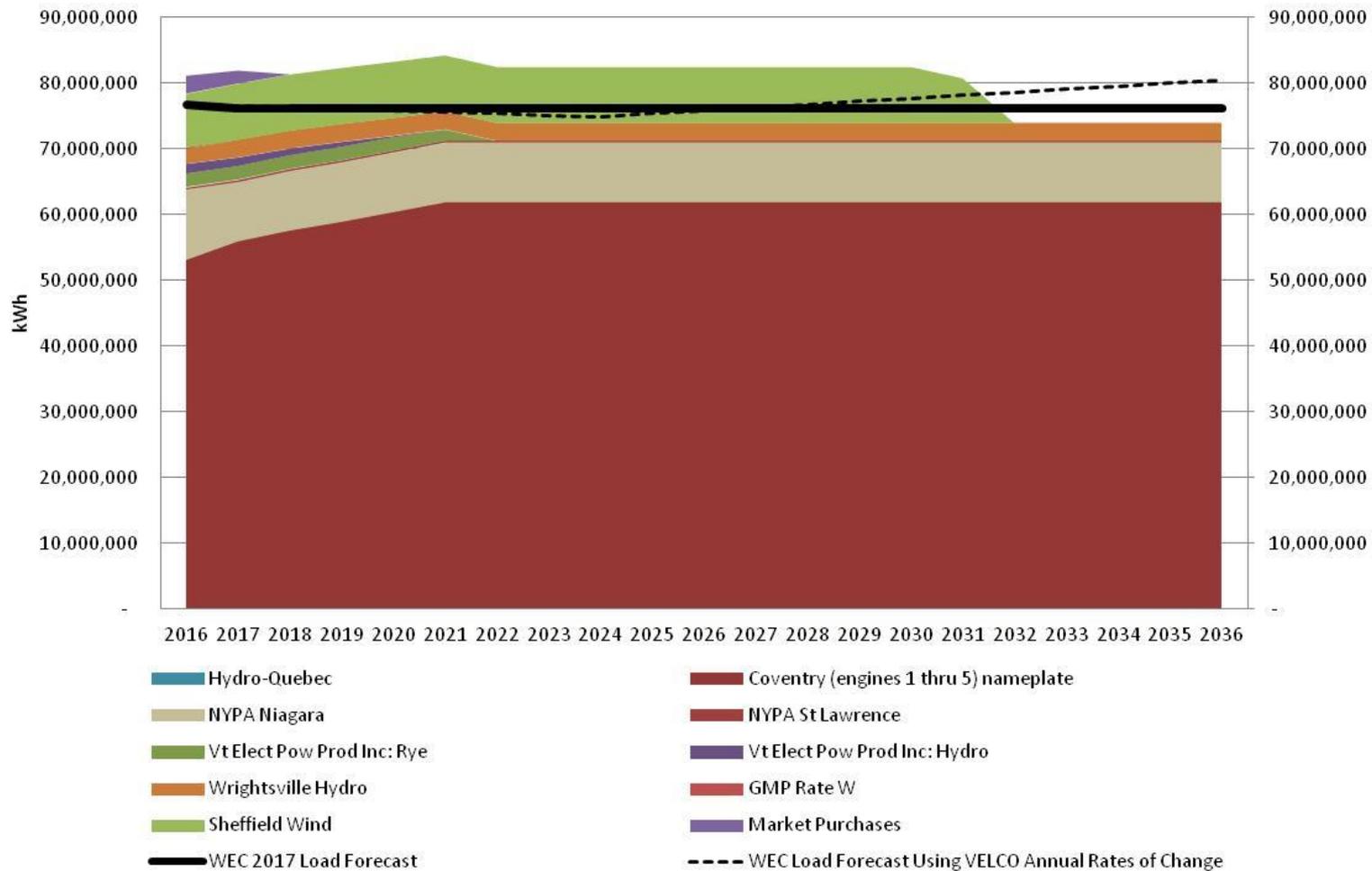
About WEC

- Very rural and little commercial base
 - WEC 8 members per mile
 - GMP is 20 customers per mile
 - BED 87 customers per mile
- WEC largest cost driver is infrastructure (wires, poles, substations, etc)
 - Power Supply Costs ~ 9 cents/kWh
 - All other costs ~ 12 cents/kWh
- Average residential user ~ 490 kWh per month (12% less than statewide avg)

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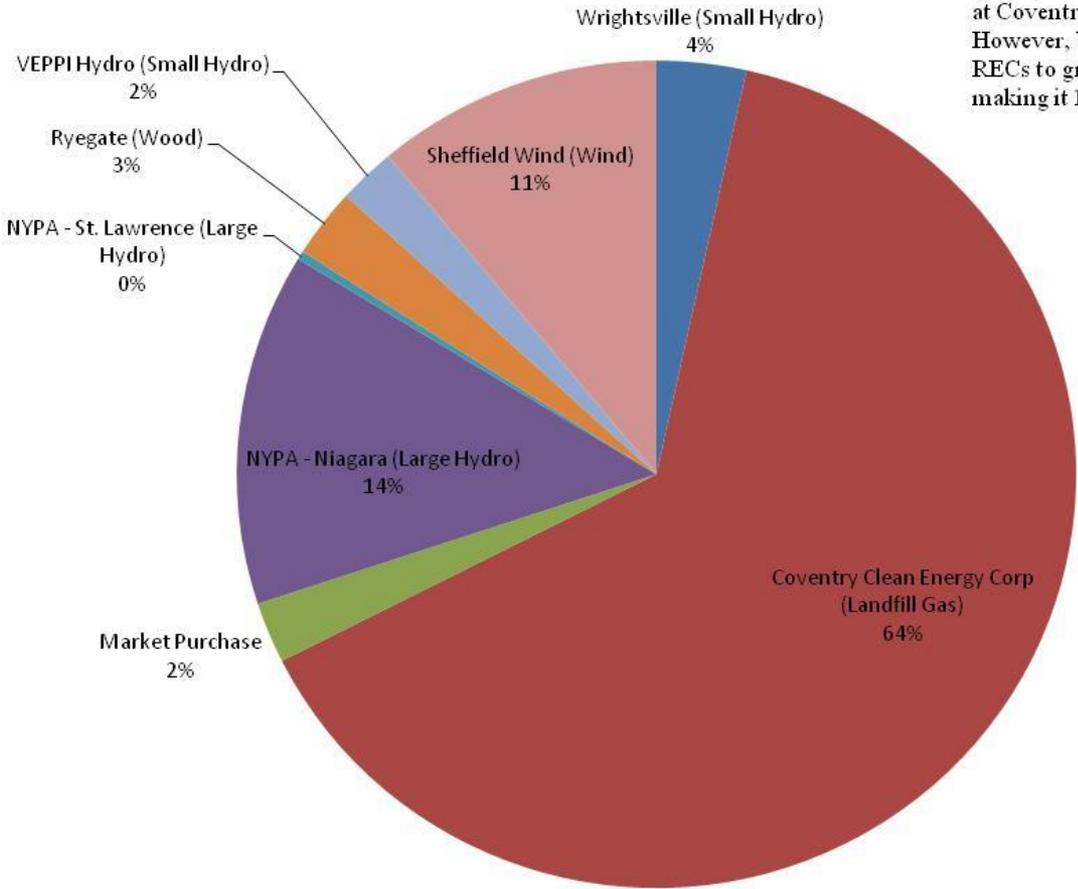
- WEC supports renewable power (100% renewable)
- Local Resources and Investments
 - Coventry \$16M
 - Wrightsville \$3.2 M
 - Sheffield Wind \$572K per year
 - Small Vermont IPP's \$380K per year
- Dollars stay in the VT Economy (multiplier effect)
- Early Leader in Net Metering
 - 11% of peak by 2014
 - Currently 22% of peak
 - 3.5 MW solar installed
- Early adopter of Energy Efficiency 1991
- Tier 3 Act 56 Weatherization Focus

WEC Energy Position Load vs Resources



WEC is 100% Renewable

**2017 WEC Sources of Power
(before REC sales)**



WEC sells Renewable Energy Credits (RECs) associated with energy produced at Coventry and Sheffield Wind. However, WEC purchases sufficient RECs to green back up its power mix making it 100% renewable.

Questions & Thank You

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