WECAN Online Webinar
Women for 100% Renewable Energy

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Who’s going 100% renewable in at least one sector?

8 Countries, 55 Cities, 58 Regions, 9 Utilities, 21 NonProfit / Educational / Public Institutions, representing more than 52.8 million people in the next few decades.

and counting...See Go100Percent.org for details.
Examples Committed to 100% Renewable Power Procurement

- Lancaster, CA by 2020
- Marin County, CA by 2020
- Palo Alto, CA by 2017
- San Francisco, CA by 2020
- San Jose, CA by 2022
- San Diego, CA by 2030
- Aspen, CO by 2015
- Georgetown, TX by 2017
- East Hampton, NY by 2020 (other sectors by 2030)

Examples that have already achieved it

- Greensburg, KS
- Burlington, VT

Examples likely to adopt commitments soon

- Hawaii - 100% RPS by 2045
- Several LA Region coastal cities
Cities, Counties, States in US

Trends Among First and Most Successful Adopters

- Smaller cities with public utilities
- Cities and Counties with Community Choice (CCA)
- Strong local leadership - community, business and government
7 Examples

1. 100% RE Targets (with milestones and implementation plans)

   In the long run, men (and women) only hit what they aim at. Therefore, they’d better aim at something high.

   - Henry David Thoreau
## Policies for 100% Renewable Power

### 2. Community Choice (CCA)

*Opportunity to offer more green power for the buck*

### Sample Cost Comparison Marin CCA vs. Local IOU

<table>
<thead>
<tr>
<th>Example Monthly Residential Electric Charges*</th>
<th>PG&amp;E</th>
<th>MCE Light Green</th>
<th>MCE Deep Green</th>
<th>MCE Local Solar</th>
</tr>
</thead>
<tbody>
<tr>
<td>PG&amp;E Electric Delivery (all customers)</td>
<td>$37.30</td>
<td>$37.30</td>
<td>$37.30</td>
<td>$37.30</td>
</tr>
<tr>
<td>Electric Generation (all customers)</td>
<td>$45.12</td>
<td>$37.97</td>
<td>$42.60</td>
<td>$65.75</td>
</tr>
<tr>
<td>Additional PG&amp;E Fees (MCE customers only)</td>
<td>$5.71</td>
<td>$5.71</td>
<td>$5.71</td>
<td>$5.71</td>
</tr>
<tr>
<td><strong>Average Total Cost</strong></td>
<td><strong>$82.42</strong></td>
<td><strong>$80.98</strong></td>
<td><strong>$85.61</strong></td>
<td><strong>$108.76</strong></td>
</tr>
</tbody>
</table>

*The above comparison is based on a typical usage of 463 kWh at PG&E’s rates effective as of March 1st and MCE’s current rates for the April 2015 to March 2016 fiscal year under the Res-1/E-1 rate schedule. Costs shown are an average of summer and winter rates in baseline territory X with gas heating; actual differences may vary depending on usage, rate schedule and other factors.

**Most recently verified.*
3. Zero Net Energy (ZNE) Building Targets and Codes

California leading the way in the US

New buildings in CA must be ZNE starting in 2020 for Residential and 2030 for Commercial
4. Streamline permitting and interconnection for renewables and complimentary technologies like efficiency upgrades, EV charging, etc.

Local building departments have the power to cut the red tape on permitting to save time and costs.

Resources for expediting rooftop solar best practices: SolarABCs.org and ProjectPermit.org

State regulators have jurisdiction over streamlining utility interconnection processes.
Policies for 100% Renewable Power

5. Net Metering

For small scale solar installations

Resource for details: Solar Energy Industry Association
www.seia.org

6. Federal Investment Tax Credits

30% of investment is tax deductible (landlords excluded)

Benefits those with ample tax appetites

Expires in 2016
7. Cut Direct and Indirect Subsidies for Conventional Energy Sources

2015 IMF Report: Fossil fuels are subsided by $10 million/minute

DBL Investors: Federal commitment to oil & gas was 5X greater than for renewables during the first 15 years of each subsidies’ life, and it was more than 10 X greater for nuclear.
10 Best Practices to Ask of Your Leaders

1. Emphasize local resources.
2. Choose policies with transparency, longevity, consistency, and adaptability to encourage investors.
4. Give everyone a chance to engage & profit.
5. Lead by example.
6. Make the default answer “Yes” to clean technologies.
7. Set milestones & achieve at least one quickly.
8. Educate the community, including kids.
9. Consult other frontrunners for lessons learned.
10. Take a comprehensive view of energy’s economics.
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Renewables 100 Policy Institute’s Go 100% Renewable Energy Project

www.go100percent.org