CAPE & VINEYARD ELECTRIC COOPERATIVE, INC. PV PROJECT

Contract Award Announcement
April 21, 2011
CAPE & VINEYARD ELECTRIC COOPERATIVE

- Organized on September 12, 2007
- Three initial members: Cape Light Compact, Barnstable County and Town of Barnstable
- Currently 19 members
- Founding purpose – develop renewable energy projects
CVEC MEMBERSHIP

- Sixteen Towns (Barnstable, Bourne, Brewster, Chatham, Dennis, Eastham, Edgartown, Falmouth, Harwich, Mashpee, Orleans, Provincetown, Sandwich, Tisbury, West Tisbury and Yarmouth)
- Two Counties (Barnstable and Dukes)
- Cape Light Compact
CVEC will grant ACE necessary rights to design, procure, install, test, commission, own, operate and maintain the PV system at the Town site.

ACE is responsible for all permits and approvals necessary to develop the PV system at the site (MA DEP post closure use of landfill).

Net metering and all capacity benefits accrue to CVEC and CVEC reserves the right to resale energy output.
Six year old company based in Chelmsford, MA
Started by former Schott executives
Have over 50 mega watts of installed or contracted solar projects
20% of utility scale solar market
Committed Ownership

- Art Hennessey Chairman
- Tom Hunton President
- 30 Years of solar experience
- Veteran focused
- Roots on Cape Cod
Direct supply agreements with major system component manufacturers, ensuring competitive supply costs

- PV Module Suppliers: Suntech, SolarWorld, Trina Solar, Canadian Solar, Sharp
- Mounting Systems: SunLink, RayTracker, Array Technologies, Schletter
- Inverters: SatCon, Advanced Energy, SMA, Solectria Renewables

Close working relationships with local construction and electrical companies in the main regional solar markets in the U.S.

Established relationships with state and local energy regulators in key solar states such as New Jersey, Massachusetts, Nevada, California, New Mexico and New York

Advisory relationships with financial, legal and industry consultants facilitating project sourcing and implementation
ACE Completed Project - WMECO Pittsfield 1850KW
ACE Completed Project – NextEra New Jersey, 6,100 kW
ACE Completed Project –National Grid Everett MA 750kw
GlaxoSmithKline, PA – 3,000 kW Largest rooftop array in USA
WESTON & SAMPSON

- Environmental consultants
- Founded in 1899
- Headquarters in Peabody, MA
- 360 employees
Landfill permitting and closure experts
Post closure re-use planning and design
Familiar with all CVEC proposed landfill sites
- Commercial and utility scale renewable energy practice
- Multiple solar facility designs on dirty sites
- Engineered numerous landfill based PV projects
THE REAL THING, LLC

- Solar Energy Services company engaging in US commercial-scale solar project development.
- Project financing and structuring.
- Ongoing asset management.
## PROJECT SUMMARY

<table>
<thead>
<tr>
<th>Site</th>
<th>kW (DC)</th>
<th>Year 1 kWh</th>
<th>Year 1 Savings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Town of Barnstable – Capped Landfill</td>
<td>3,998</td>
<td>5,117,400</td>
<td>$349,157</td>
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<tr>
<td>Town of Brewster – Capped Landfill</td>
<td>893</td>
<td>1,109,100</td>
<td>$75,685</td>
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<td>Town of Chatham – Capped Landfill</td>
<td>1,755</td>
<td>2,179,700</td>
<td>$148,742</td>
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<td>Town of Eastham – Capped Landfill</td>
<td>405</td>
<td>498,600</td>
<td>$34,010</td>
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<tr>
<td>Town of Eastham – Sandy Meadow</td>
<td>1,712</td>
<td>2,107,500</td>
<td>$136,392</td>
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<td>Town of Edgartown – Nunnepog</td>
<td>1,651</td>
<td>1,961,400</td>
<td>$97,528</td>
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<td>Town of Edgartown – Pennywise</td>
<td>1,836</td>
<td>2,181,200</td>
<td>$113,909</td>
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<td>Town of Edgartown – Katama Farm</td>
<td>1,054</td>
<td>1,252,100</td>
<td>$68,522</td>
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<td>Town of Harwich – Capped Landfill</td>
<td>3,936</td>
<td>4,888,500</td>
<td>$333,588</td>
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<tr>
<td>Town of Tisbury – Capped Landfill</td>
<td>1,065</td>
<td>1,256,700</td>
<td>$65,636</td>
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<td><strong>Total</strong></td>
<td><strong>18,305</strong></td>
<td><strong>22,552,200</strong></td>
<td><strong>$1,423,169</strong></td>
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Savings includes CLC and “shared” savings (if any).
HARWICH LANDFILL

NOTES:
1. Nominal size of PV system 1.8 MW DC
2. Final components and configuration are subject to change
3. Proposed PV system layout based on existing conditions and subject to change
4. Contours extracted from the source of existing and environmental information on file.
5. Site plan and layout subject to change
6. Environmental approval subject to change
7. Site plan and layout subject to change
8. Environmental approval subject to change

HARWICH LANDFILL
GROUND MOUNTED PV POWER SYSTEM
CONCEPTUAL LAYOUT
EASTHAM LANDFILL
NEXT STEPS

- CVEC and ACE execute Energy Managements Services Agreement for each site
- CVEC submits EMS Agreement to MA DOER
- ACE begins permitting process – estimated to take up to 18 months
- Commercial operation expected summer 2012