Norfolk AG Solar Update

January 13, 2021
Rooftop and Canopy Update

Building #5

Building #6

Building #7

Building #8
Rooftop and Canopy Update

- Canopy and Rooftops are Mechanically Complete (ready to run)
- Awaiting utility installation of meters / transformer
- Expect savings to flow in February

<table>
<thead>
<tr>
<th>Array</th>
<th>Solar DC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Building #5 (Avery Hall)</td>
<td>34</td>
</tr>
<tr>
<td>Building #6 (Animal Science)</td>
<td>94</td>
</tr>
<tr>
<td>Building #7 (Horse Barn)</td>
<td>94</td>
</tr>
<tr>
<td>Building #8 (Cohen Hall)</td>
<td>156</td>
</tr>
<tr>
<td>Roofmount Subtotal</td>
<td>378</td>
</tr>
<tr>
<td>Kemp Car Park Canopy</td>
<td>717</td>
</tr>
</tbody>
</table>
Fisher Street Original Location

Current Site

Alternate Site

Wetlands

Kearsarge Energy Strictly Private and Confidential
• Approx. 1MW AC Array on ~ 6.5 Fenced Acres
• Array sited to minimize tree clearing / preserve some pasture and trail.
• 0 Acres of clearing vs. 7 Acres (assumes wetlands per MassGIS)
• IC Route to focus on underground with minimal poles unless required by Utility
• Kearsarge to clean up tree / compost area
• Pollinator plantings-Bird habitat spread around with a nesting pole
• Kearsarge will pay to have Aggie School send sheep in for vegetative management
• Min distance to boundary ~ 65ft (Eastern and Northern Edge)
• School uses energy generating the equivalent of ~ 1,900 tons of CO2e per year. The Fisher Array will help offset this and will help as the campus electrifies get to carbon neutral
• Carbon offsets and Equivalencies
  - Carbon sequestration equivalent is 2,366 Acres
  - Annually, the Fisher Array prevents the equivalent of 1,997 tons of CO2 released into the atmosphere which is equivalent to:
    - Taking 391 passenger vehicles off the road
    - The electricity use of 307 homes
    - Consuming 203,870 gallons of gasoline
• < 1MW AC Array on ~ 6.0 Fenced Acres
• Array sited to balance tree clearing, pasture and trail.
• ~ 2.5 Acres of clearing vs. 7 Acres (assumes wetlands per MassGIS)
• Retains ~ 6.5 Acres of pasture (including new area to the South) vs. original 8.75 Acres.
• IC Route to focus on underground with minimal poles unless required by Utility
• Kearsarge to clean up tree / compost area
• Pollinator plantings-Bird habitat spread around with a nesting pole
• Kearsarge will pay to have Aggie School send sheep in for vegetative management
• Min distance to boundary ~ 80ft (Eastern Edge)
• < 1MW AC Array on ~ 6.0 Fenced Acres
• Array sited to balance tree clearing, pasture and trail.
• ~ 6 Acres of trimming / clearing vs. 7 Acres (assumes wetlands per MassGIS)
• Impacts ~ 1.5 Acres of existing field. Results in ~ 9.4 Acres of field incl. new areas to the South and East vs. original 9.0 Acres.
• IC Route to focus on underground with minimal poles unless required by Utility
• Kearsarge to clean up tree / compost area
• Pollinator plantings-Bird habitat spread around with a nesting pole
• Kearsarge will pay to have Aggie School send sheep in for vegetative management
• Min distance to boundary ~ 190ft (Eastern Edge)
• Subject to wetlands survey
• Screening on eastern boundary if needed
Hilltop / North Street Design Timeline

<table>
<thead>
<tr>
<th></th>
<th>Q1 2018 Update</th>
<th>Q2 2020 Update</th>
<th>Q4 2020 Update</th>
<th>Q1 2021 Update</th>
</tr>
</thead>
<tbody>
<tr>
<td>MW DC (approx)</td>
<td>7.0</td>
<td>6.5</td>
<td>6.3</td>
<td>5.7</td>
</tr>
<tr>
<td>MW AC</td>
<td>5.0</td>
<td>5.0</td>
<td>5.0</td>
<td>4.5</td>
</tr>
<tr>
<td>Approx Fenced Acres</td>
<td>20.0</td>
<td>17.5</td>
<td>17.5</td>
<td>17.0</td>
</tr>
<tr>
<td>Approx Tree Clearing Acres</td>
<td>5.3</td>
<td>3.0</td>
<td>0.5</td>
<td>1.2</td>
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<tr>
<td>Annual CO2 Sequestration Equivalent (Acres of US Forrest)*</td>
<td>7,433</td>
<td>6,902</td>
<td>6,690</td>
<td>6,053</td>
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<tr>
<td>Approx. Dist. panels to Southern boundary</td>
<td>70 ft</td>
<td>120 ft</td>
<td>120 ft</td>
<td>120 ft</td>
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</tbody>
</table>

*EPA Greenhouse Gas Equivalencies
Hilltop / North Street Preliminary Layout

- 5MW AC Array
- Array sited to balance tree clearing / pasture use / avoid trails.
- ~ 17.5 Fenced Acres
- ~ 2+ Acres of Clearing
- Min distance panel to boundary ~ 120 ft (Southern Edge)
- Transmission would follow existing access way to North St (buried and pole mounted)
Hilltop / North St Alternate Layout

- Approx. 5MW AC Array on ~17.5 fenced Acres.
- Siting designed to minimize tree clearing and avoid trails.
  - ~ 0.5 Acres of clearing / trimming
  - Transmission would follow existing access way to North St (buried and pole mounted)
- Min distance panels to boundary ~ 120ft (Southern Edge)
- Hilltop would further offset the carbon production associated with the School and County energy use.
- Carbon offsets and Equivalencies
  - Annual carbon sequestration equivalent is 7,271 Acres
  - Annually, Hilltop prevents the equivalent of 6,138 tons of CO2 released into the atmosphere which is equivalent to:
    - Taking 1,203 passenger vehicles off the road
    - The electricity use of 943 homes
    - Consuming 626,526 gallons of gasoline
Hilltop / North St Alternate Layout v2  (12/31/20)

- Approx. 4.5MW AC Array on ~17.0 fenced Acres.
- Siting designed to minimize tree clearing and avoid trails.
  - ~ 1.2 Acres of clearing / trimming
  - Transmission would follow existing access way to North St (buried and pole mounted)
- Min distance panels to Southern boundary ~ 120ft (to Array)