

Leelanau County Energy Futures Taskforce

Mission:

**To identify opportunities and facilitate implementation
of energy efficiency and renewable energy
in Leelanau County.**

Approved Leelanau County BOC mtg 9/19/23

Leelanau County Government Center
- **Proposed Solar Project** -

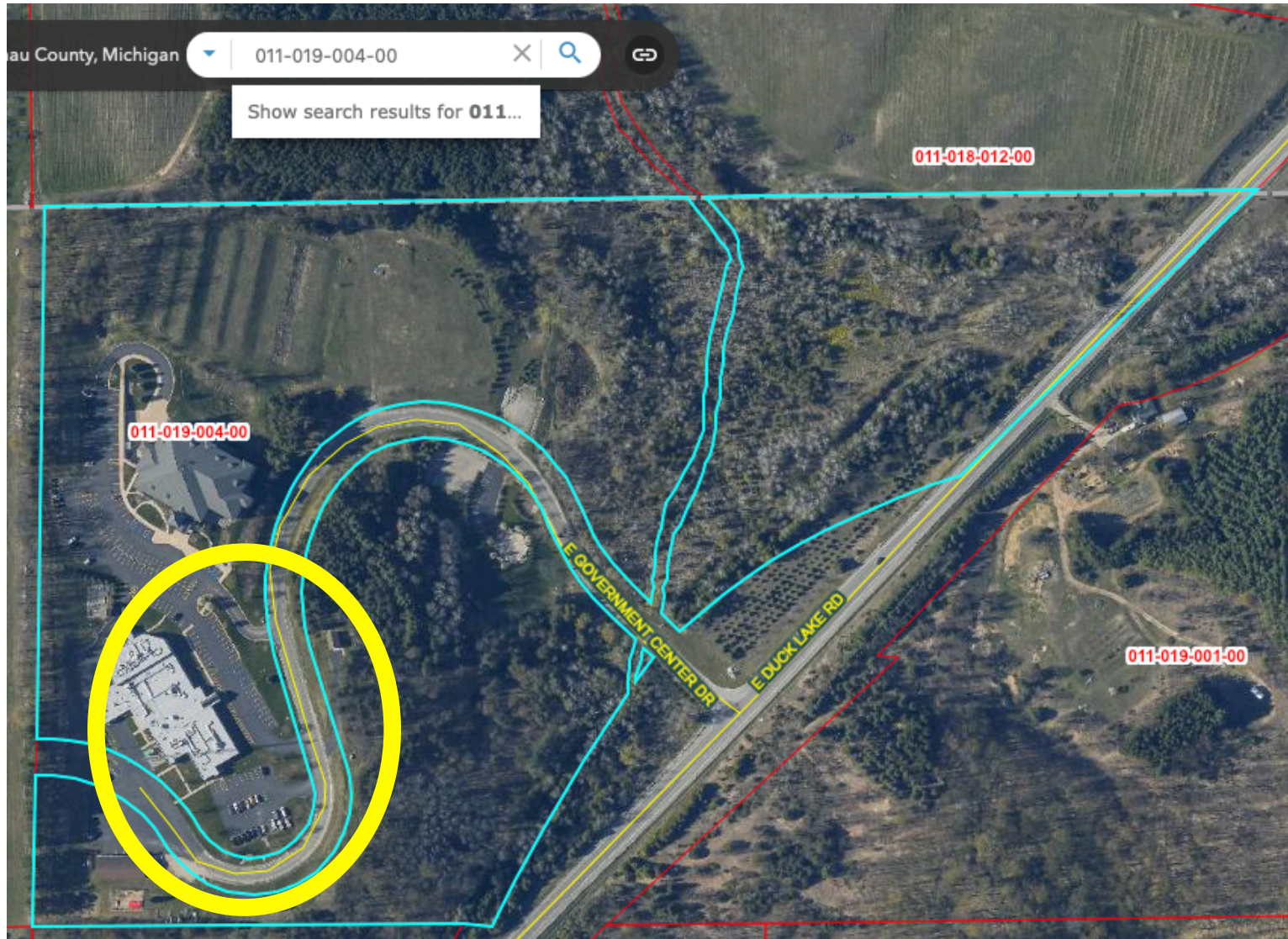
Project Goals

- To reduce County electric bills
- To role model the practicality & benefits of Solar Energy in Michigan

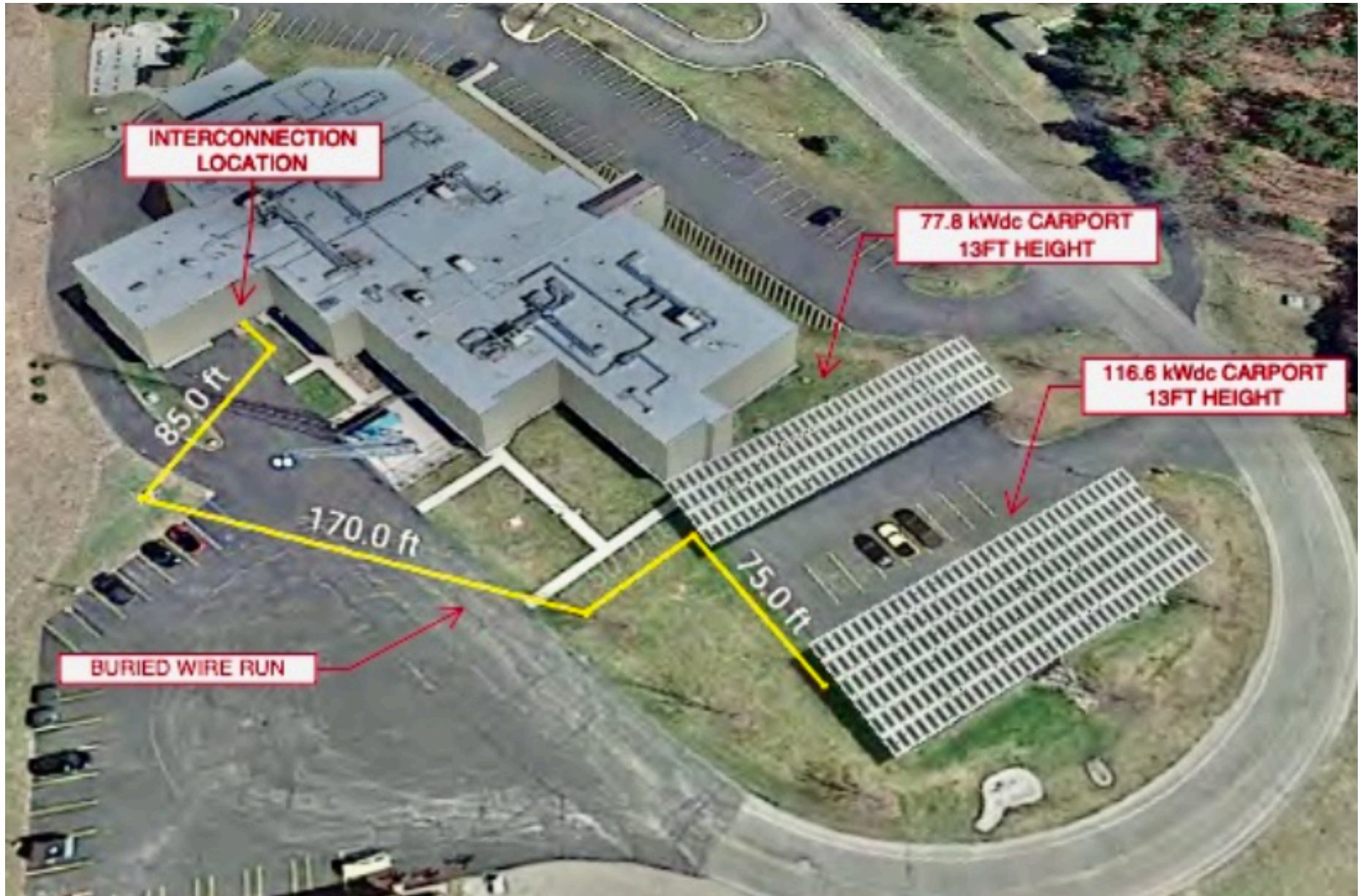
Leelanau County Government Center - Proposed Solar Project - Property Overview



Leelanau County Government Center - Proposed Solar Project - Project Location



Parking Covered Solar - Law Enforcement Bldg.



Ground Mount Solar - Courts / Admin Bldg.



Leelanau County Government Center

- **Proposed Solar Project** -

Project Facts

- Approximately 367 kW solar
- Supply approx 30% of Govt Ctr energy use
- 100% paid by MPSC grant award

Leelanau County Government Center

- **Proposed Solar Project** -

Project Financing

- Application for 100% of project costs to the MPSC Renewable Energy and Electrification Infrastructure Enhancement and Development Grant
- Estimated project cost \$1.5M all inclusive
- Grant Request: \$1.2M

Leelanau County Government Center

- Proposed Solar Project -

Financial Impact

- \$35,310 annual savings to County
- \$883K- \$1.2M savings over 25-35 years

Leelanau County Government Center
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Annual Environmental Benefits

- Over 9,600,000 lbs Coal not burned
- Over 20,800 barrells of Oil saved
- Over 7,350 acres of forest planted



Free & Infinite

In the span of one hour, the earth receives enough sunshine to meet the energy needs of the entire world for one year.

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Proposed Solar Project

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