



CITY OF CONCORD

New Hampshire's Main Street™

REPORT TO MAYOR AND THE CITY COUNCIL

FROM: Municipal Properties Energy Initiatives Ad-hoc Committee
DATE: October 29, 2018
SUBJECT: Solar Development on Municipal Properties

Recommendation

Accept this report and authorize the City Manager to issue an RFP, with assistance from the City's Energy Consultant, for the development of solar energy facilities on municipal properties.

Background

The goal of the Municipal Properties Energy Initiatives Ad-hoc Committee is to identify feasible renewable energy options to provide electricity for municipal operations. The Committee met seven times between April and October, and decided to prioritize solar development with a focus on the capped landfill on Old Turnpike Road.

The Committee met with a team of engineers and two solar developers to determine the feasibility of developing the capped landfill site on Old Turnpike Road. It was determined that the landfill could support up to a 5 megawatt (MW) facility.

Based on economic feedback from the developers, the Committee decided the best option to meet municipal energy goals is to develop solar facilities at multiple municipal sites. Three sites identified include the capped landfill on Old Turnpike Road, the Hall Street Wastewater Treatment Plant, and the Hutchins Street Water Treatment Facility.

The Committee voted unanimously to recommend that City Council authorize the City Manager to issue a Request for Proposals (RFP), utilizing assistance from the City's Energy Consultant, to develop solar energy facilities at three municipal properties.