Agenda Abstract
BOARD OF COMMISSIONERS

Meeting Date:	Nov. 9, 2026
Department:	Community Services and Sustainability
Agenda Section:	Regular
Public hearing:	No
Date of public hearing:	N/A

PRESENTER/INFORMATION CONTACT

Stephanie Trueblood, Community Services and Sustainability Director

ITEM TO BE CONSIDERED

Subject: Energy Use and Solar Feasibility Study Update

Attachments:

1. Presentation
2. Solar Feasibility Study Report

Summary:

The Town of Hillsborough adopted the Clean Energy resolution in 2017, becoming the first municipality in North Carolina to commit to 80% clean and renewable energy by 2030 and 100% clean and renewable energy by 2050.

Since that time, the town has made improvements and investments to reduce the energy use of town operations and facilities. Town energy use is tracked and analyzed in data management software developed and maintained by Enpira Inc. The town has baseline data from a Clean Energy Report (2018) and has reliable data in the Enpira model from 2022 to present. The software tracks electricity, water consumption, and natural gas use at 90 town facilities, including pump stations, as well as fuel use for the town's fleet vehicles and equipment.

Last year, the Town of Hillsborough engaged Pisgah Energy and NV5 to perform Solar Feasibility Studies for five town-owned facilities to assess the potential for solar photovoltaic (PV) opportunities. Pisgah Energy performed the Solar PV feasibility analyses and NV5 performed the rooftop structural assessments for the facilities.

Staff will present an update on town energy use and present findings from the recently completed Solar Feasibility Study.

Financial impacts:

None

Staff recommendation and comments:

None

Action requested:

Receive presentation.