



## AGENDA ITEM COVER SHEET

NEW BUSINESS

No. 01

Meeting Date: February 5, 2019

Requesting Department: Governing Body

Presenter(s): Councilman Bill Jensen

### ITEM DESCRIPTION *(Brief)*

Possible motion to adopt the attached Resolution Endorsing the Goals of Achieving 100% Clean Energy by 2050

### ITEM DETAIL *(Expanded from Item Description)*

Approval Recommended?

By:

Mr. Jensen requests Council consideration of the attached resolution.

### ATTACHMENTS *(Number items if more than one)*

- A Resolution Endorsing the Goals of Achieving 100% Clean Energy by 2050

RESOLUTION NO. 19-0205-04

A RESOLUTION ENDORSING THE GOALS OF ACHIEVING 100% CLEAN ENERGY BY 2050

**WHEREAS**, The Apex Town Council has a long standing, proactive position toward the conservation of energy and the protection of natural resources for the betterment of the citizens of Apex; and

**WHEREAS**, climate change is expected to increasingly impact North Carolina's temperatures, precipitation and sea level with harmful consequences in coming years; and

**WHEREAS**, a transition to renewable energy sources will reduce the emissions of pollutants that affect the air and water quality in the Town of Apex; and

**WHEREAS**, a just transition to 100% renewable energy can benefit affordable housing projects and low-income communities that are disproportionately impacted by fossil fuel pollution; and

**WHEREAS**, the United States Conference of Mayors in 2017 passed a resolution supporting 100% clean renewable energy community-wide for cities and towns by 2035; and

**WHEREAS**, the Town of Apex endorses the Paris Climate Agreement in order "...to continue its efforts towards sustainability and reduction of greenhouse gas emissions..."; and

**WHEREAS**, in 2017 the Apex Town Council authorized a budget for two Solar Photovoltaic (PV) pilot projects so that staff might establish necessary design, construction and energy management skills; and

**WHEREAS**, in July 2018 the Apex Town Council adopted a budget with \$500,000 dollars earmarked for solar PV systems on town buildings; and

**WHEREAS**, in October 2018 the Wake County Board of Commissioners unanimously adopted a resolution endorsing the goal of transitioning 80% of energy consumed by County operations from fossil-fuel based energy to renewable sources by 2035 and the goal of achieving 100% Clean Energy by 2050; and

**WHEREAS**, the Apex Town Council promotes the utilization of renewable energy in the private sector through the reduction of town fees and the simplification of the permitting and inspections processes; and

**WHEREAS**, Clean Energy by 2035 is defined as transitioning 100% of energy consumed and stored by the Town of Apex operations from fossil fuel-based energy to renewable energy including Solar, Wind, Tidal and Wave, Hydroelectric and Geothermal; and

**WHEREAS**, the town of Apex intends to transition the municipal vehicle fleet to plug-in hybrid vehicles or all electric vehicles to the extent possible; and

**WHEREAS**, the goal of 100% clean energy may be achieved through the investment of Town of Apex funds in renewable energy projects that offset the consumption of non-renewable energy purchased by the town from Duke Energy.

**NOW THEREFORE, BE IT RESOLVED** that the Apex Town Council endorses the goal of transitioning to 80% Clean Energy by 2035 and 100% Clean Energy by 2050; that Apex joins its fellow state and local governments in advocating for the use of Clean Energy where such action results in reasonable and foreseeable economic payback and is subject to budget availability; that the Town of Apex commits itself in its own operations, policies, and guidelines to continuing its efforts towards clean energy, sustainability, reduction of greenhouse gas emissions, energy efficiency and the reduction of fossil fuel use; and that the Apex Town Manager is authorized to support efforts toward the goal of 80% Clean Energy by 2035 and 100% Clean Energy by 2050 through fiscally responsible budget expenditures and procedures; that the Apex Town Council encourages all business and commercial sectors of Apex to adopt similar goals in their own operations.

This the 5th day of February, 2019.

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Lance Olive, Mayor

ATTEST:

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Donna B. Hosch, MMC, NCCMC, Town Clerk