

Resolution No. 19-R-04

**A RESOLUTION OF THE CITY COMMISSION OF THE
CITY OF TALLAHASSEE, FLORIDA, SUPPORTING 100%
CLEAN RENEWABLE ENERGY FOR OUR COMMUNITY**

WHEREAS, at the direction of the City Commission, the City of Tallahassee has established itself as a leader in energy conservation and sustainability, earning regional, state, national and international recognition for its programs; and

WHEREAS, the City of Tallahassee since 2008 has, through its Energy Smart Plus Demand Side Management programs, avoided the generation of nearly 500,000 Megawatt-hours of electricity and stimulated more than \$150 million in local economic impact, while deferring over 100MW in generation capacity additions; and

WHEREAS, the City of Tallahassee has served over 9,400 homes through its awardwinning Neighborhood REACH program - helping enrich the quality of life in our neighborhoods while reducing energy demands and lowering bills; and

WHEREAS, the City of Tallahassee has been the statewide leader in the integration of solar energy, with 2 Megawatts deployed on City and customer rooftops, a 20-Megawatt Solar Farm in operation, and a 40-Megawatt Solar Farm being developed, which is on track to be operational in 2020; and

WHEREAS, the City of Tallahassee, as part of its continued environmental sustainability focus, has adopted new technologies such as high-efficiency reciprocating engine generators, electric buses, and LED street lighting; and

WHEREAS, the City of Tallahassee since 1990 has aggressively reduced its permitted emissions of sulfur dioxide (SO₂), oxides of nitrogen (NO_x) and particulate matter (PM) by over 95% while still serving a growing demand for energy from its customers; and

WHEREAS, the City of Tallahassee's Electric Utility has exceeded the CO₂ reduction targets of both the 2020 Paris Accord and the Kyoto Protocol and is currently emitting fewer tons of CO₂ annually than it did in the early 1990s, while at the same time serving almost 50% more customer demand; and

WHEREAS, the City of Tallahassee's Electric Utility has a long track record as a leader in sustainability while maintaining financial stability, investment-grade bond ratings, and affordable electric rates; and

WHEREAS, the City continues to make strides toward being a more sustainable community by encouraging recycling, reducing energy use, reducing water use, and further embracing the use of renewable energy by joining the Capital Area Sustainability Compact; and

WHEREAS, the Tallahassee City Commission voted unanimously to establish a renewable energy plan for Tallahassee to ensure the City remains a leader in the field.

WHEREAS, the City Commission acknowledges that climate change is a common concern to humankind and as such is determined to set goals for environmental sustainability and, to encourage other cities to join forces to reduce greenhouse gas emissions.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF TALLAHASSEE, THAT:

Section 1. The City's goal is to reach 100% renewable energy in Tallahassee by the year 2050, including all public and private uses of energy. When the goal is met, the City will, on average, produce as much clean renewable energy as the community consumes, and any unavoidable use of non-renewable energy will be balanced by the export of renewable energy to other communities.

Section 2. While working toward the ultimate goal, the City shall establish the following:

- (i) Operation of all City facilities using 100% renewable energy no later than 2035.
- (ii) Shifting City light duty vehicles to 100% electric no later than 2035.
- (iii) Shifting StarMetro fixed route buses to 100% electric no later than 2035.
- (iv) The remainder of the City's vehicle fleet will move to all electric as the technology becomes available for reliable service delivery.

Section 3. "Clean, renewable energy" to achieve the stated goals includes energy produced from sun, wind, hydro, geothermal, sustainable biopower, and other technologies that are currently not known. Resources will be evaluated for carbon impact, public health, and environmental justice implications.

Section 4. On the path to 100% clean renewable energy, the City's goal is to continue the reduction of greenhouse gas emissions as much as possible.

Section 5. While transitioning to clean renewable energy, the City will continue to recognize and address the need for reliable energy services and be technology driven.

Section 6. The City will give priority to ensuring that the most vulnerable residents share in the benefits of the Clean Energy transition. The city will create structured mechanisms to include low-income and historically marginalized residents in the decision-making process. Furthermore, the City will seek to partner with community-based organizations to measure energy cost-burden and adopt policies that reduce the cost-burden for low-income customers.

Section 7. With broad public input, the City will adopt a Community Clean Energy Plan, designed to move the City's electric utility, other city operations, transportation, and other public and private uses of energy to 100% clean renewable energy. This will be inclusive of a full Integrated Resource Planning (IRP) process that will be focused on developing a plan to achieve all goals outlined in this resolution. The first steps in this plan will be the engagement of an outside firm to conduct the Clean Energy Plan and IRP. The firm(s) will be engaged by the City no later than October 1, 2019. The process will include broad community input, consider the technological, operational

and regulatory aspects of the electric system, reliability, and evaluate financial impacts. The planning process is expected to result in intermediate targets and steps to achieve or exceed the goals in this resolution. The IRP will include analysis of the feasibility and cost of converting to clean renewable energy at various dates, from as early as 2035 to as late as 2050. An interim report, including initial analysis of interim goals, shall be presented to the Commission by June 1, 2020.

Section 8. The City is committed to achieve a goal of 100% clean renewable energy no later than 2050. The goal may be advanced as technology advances, depending on numerous factors, including the rate at which the price of clean renewable energy production and storage decline. This plan will be annually reviewed by the commission, with public input and updated as technology advances.

ADOPTED by the City Commission of the City of Tallahassee this 20th day of February, 2019.

CITY OF TALLAHASSEE

By: _____
John E. Dailey
Mayor

ATTEST:

By: _____
James O. Cooke, IV
City Treasurer-Clerk

APPROVED AS TO FORM:

By: _____
Cassandra K. Jackson
City Attorney