RESOLUTION R-2018- 05

A RESOLUTION OF THE LONGMONT CITY COUNCIL IN SUPPORT OF UTILIZING 100% RENEWABLE ENERGY SOURCES FOR LONGMONT'S ELECTRICAL ENERGY SUPPLY BY 2030

WHEREAS the Longmont City Council adopted a Sustainability Plan on November 29th, 2016, to promote social equity, environmental stewardship, and economic vitality for all residents and businesses of Longmont; and

WHEREAS Longmont's Mayor, the Honorable Brian Bagley, made a proclamation in support of achieving 100% renewable energy on December 5, 2017, renewable energy being defined for the purposes of this resolution as existing hydroelectric generation, solar generating technology, wind turbines, geo-thermal energy, tidal energy and other means that may become available that do not burn fossil fuels or other carbon based fuels and do not add greenhouse gases to the atmosphere; and

WHEREAS Longmont Power & Communications played an instrumental role in the creation of Platte River Power Authority, one of the most successful examples of regional collaboration in the state of Colorado, providing Longmont highly reliable electricity at the lowest wholesale cost in the state; and

WHEREAS Platte River Power Authority is to be commended in their efforts to balance financial stability, reliability and environmental stewardship; and

WHEREAS Platte River Power Authority commissioned a zero net carbon study that demonstrated there was a low cost alternative that would achieve zero net carbon and decommission its coal plants by 2030; and

LP

WHEREAS conserving energy can be a lower cost alternative to increasing generation regardless of the energy source and Longmont Power & Communications is best positioned to study demand patterns and utilize demand management, load balancing, and conservation technologies along with continuing to implement residential and commercial energy efficiency programs that will continue to improve energy efficiency and conservation; and

WHEREAS it is critically important to be economically responsible, so that Longmont can continue providing affordable energy to our most vulnerable residents, those on fixed incomes, including the elderly and working families; and

WHEREAS it is also important to provide reliable, high quality and affordable energy to attract and retain local businesses and spur economic development which is vital to our community's success in a highly competitive and increasingly global market place; and

WHEREAS Platte River Power Authority has recently demonstrated that it can purchase renewable energy at a cost that is commensurate to power generated with coal and natural gas; and

WHEREAS the technologies associated with battery storage are continuing to develop rapidly in terms of capacity, life-expectancy, and affordability presenting the opportunity to utilize battery storage alongside renewable energy sources by 2030; and

WHEREAS based on the Platte River Power Authority Zero Net Carbon Study and their presentation to the Longmont City Council, we are confident and hopeful that technological advancements will provide increasing opportunities to incorporate more renewable energy into Platte River Power's electric generation resource mix without significantly impacting the affordability and reliability of that energy; and

WHEREAS burning natural gas releases carbon dioxide into the atmosphere and the extraction process to obtain that natural gas can release methane into the atmosphere, thereby adding twice to the burden of greenhouse gases in the environment; and

WHEREAS, we all appreciate the beauty of Northern Colorado and our wonderful community and want to protect and ensure such beauty will be enjoyed by future generations; and

WHEREAS minimizing our community's impact on the environment is a goal for which our community should continuously strive to achieve;

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF LONGMONT, COLORADO RESOLVES:

Section 1

That the Longmont City Council establishes the city-wide goal of consuming only electricity generated by means of carbon-free generation methods in our collaborative effort to achieve the goal of a 100% clean, renewable electricity supply by the year 2030, with the intermediate goal of exceeding 50% carbon-free electricity by 2022.

Section 2

Longmont Power & Communications in collaboration with Platte River Power Authority will continue to prudently and creatively develop and refine demand side management strategies and energy efficiency programs in an effort to help control costs as more carbon-free energy technologies are integrated into our resource mix; and

Section 3

Longmont Power & Communications and Platte River Power Authority will provide reports to the Longmont City Council at least annually that will include appropriate metrics and benchmarks as progress is made toward achieving our goals; and

Section 4

The City of Longmont shall consider the needs of lower income residents and work to help minimize the impacts of any needed future energy rate adjustments; and

Section 5

That the Longmont City Council, in support of the City's Sustainability Plan, shall encourage commercial entities, developers and residents to invest in energy efficient technologies for their homes, offices, manufacturing facilities and transportation.

Passed and adopted this 9th day of January, 2018.

01/12/18

MAYOR

ATTEST:

CITY OF LONGMONT COLORADO

CITY CLERK

APPROVED AS TO FORM

1/11/18

DEPUTY CITY ATTORNEY — DATE

1/11/18

PROOFREAD — DATE