

1 RESOLUTION R-2018- 05

2 A RESOLUTION OF THE LONGMONT CITY COUNCIL IN SUPPORT OF UTILIZING
3 100% RENEWABLE ENERGY SOURCES FOR LONGMONT'S ELECTRICAL ENERGY
4 SUPPLY BY 2030

5
6 WHEREAS the Longmont City Council adopted a Sustainability Plan on November 29th,
7 2016, to promote social equity, environmental stewardship, and economic vitality for all
8 residents and businesses of Longmont; and

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

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

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

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

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

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

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

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

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

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

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

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

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

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

11 Section 1

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

16 Section 2

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

1 Section 3

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

5 Section 4


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

8 Section 5

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

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

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MAYOR 01/12/18

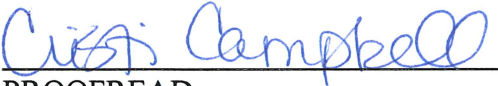
19 ATTEST:
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21 Valeria H. Stett
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23 CITY CLERK



26 APPROVED AS TO FORM
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DEPUTY CITY ATTORNEY

DATE 1/11/18


PROOFREAD

DATE 1/11/18