



TOWN OF KNIGHTDALE WORK SESSION AGENDA

950 Steeple Square Court, Knightdale, North Carolina 27545

September 3, 2019

7:00 p.m.

WELCOME by Mayor Roberson

ITEM I. ADOPTION OF AGENDA

ITEM II. NEW BUSINESS

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| A. Award Wake Stone Athletic Park Construction | DS Director |
| B. Water Allocation/UAA Policy Discussion | DS Director |
| C. Economic Development Discussion | Assistant DS Director |
| D. Climate Change Presentation | Dr. Mary Watson & Donald Addu |

ITEM III. ADJOURNMENT

RESOLUTION OF TOWN OF KNIGHTDALE SUPPORTING A TRANSITION TO RENEWABLE ENERGY AT THE LOCAL, STATE AND NATIONAL LEVEL

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

WHEREAS, sixteen of the seventeen hottest years on record have occurred in the twenty-first century and 2016 is the hottest year on record; and

WHEREAS, an increase in the global average temperature is having and will continue to increasingly have major adverse impacts, if not stopped by eliminating the use of fossil fuels, on both the natural and human-made environments due to longer, more intense heat waves, prolonged droughts, spread of infectious diseases, rising sea levels, ocean acidification, wildfires, and more intense and frequent extreme weather events; and

WHEREAS, low-income communities and communities of color in North Carolina and the United States are inordinately exposed to pollution, that causes serious health problems such as cancer and asthma, from fossil fuels, including coal-fired power plants which produce coal ash, and need to be empowered and have access to educational tools and an awareness of climate issues; and

WHEREAS, clean, renewable energy is defined as energy derived from ongoing natural processes that rapidly replenish and is sustainably collected from renewable sources such as solar, wind, and geothermal. Other approaches may be included after being evaluated for sustainability and environmental justice implications. Energy efficiency will continue to be a critical part of our approach by minimizing the amount of energy used overall; and

WHEREAS, studies completed by the International Monetary Fund (IMF), the Risky Business Project, Duke University, and others point to the severe economic costs of climate change and continuing use of fossil fuel, estimating billions of dollars a year in costs nationally and trillions globally; and

WHEREAS, a Stanford University and University of California-Davis study concludes the United States energy supply could be based entirely on renewable energy by the year 2050 using current technologies and 80% renewable energy by 2030 while creating numerous jobs; and

WHEREAS, leading economists, policy experts, and business leaders conclude that transitioning to a clean energy economy would create millions of green jobs nationally, improve living standards, and boost economic growth; and

WHEREAS, municipalities, organizations, businesses, and academic institutions throughout the world have set a goal to achieve carbon or climate neutrality by 2050 or earlier; and

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

WHEREAS, the following North Carolina municipalities and counties have passed resolutions supporting a goal of 100 percent renewable energy for all energy sectors by 2050 for the State of North Carolina and the United States: City of Charlotte, City of Durham, Town of Boone, Watauga County, Town of Sylva, Buncombe County, City of Asheville, Town of Webster, Chatham County, Orange County, Durham County, Wake County, Town of Canton, Town of Clyde, Town of Carrboro, Town of Hillsborough, Macon County, Town of Franklin, Town of Apex, Town of Pittsboro and the Town of Waynesville;

WHEREAS, over 600 American colleges and universities have made a commitment to reduce greenhouse gases, including Appalachian State University, Blue Ridge Community College, Carteret Community College, Catawba College, Central Carolina Community College, Davidson College, Duke University, Elizabeth City State University, Fayetteville State University, Guilford College, North Carolina Central University, Queens University of Charlotte, Southeastern Community College, University of North Carolina at Chapel Hill, University of North Carolina at Charlotte, University of North Carolina at Greensboro, University of North Carolina at Pembroke, Wake Technical Community College, and Warren Wilson College;

WHEREAS, North Carolina installed 1,140 MW of solar electric capacity in 2015, ranking it second nationally; nearly \$1.7 billion was invested on solar installations in North Carolina, a 159% increase over the previous year; there are currently more than 200 solar companies at work throughout the value chain in North Carolina, the state companies employing some 6,000 people; North Carolina ranks third in the nation in installed solar capacity, enough to power 260,000 homes; and solar photovoltaic system prices in the U.S. have dropped by 66% since 2010; Whereas, North Carolina has more offshore wind energy potential than any other Atlantic state;

NOW, THEREFORE BE IT RESOLVED that the Town of Knightdale endorses the following:

SECTION 1. The Town of Knightdale, the State of North Carolina and the United States shall establish a transition from fossil fuels to 100% renewable energy for all energy sectors by 2050 or sooner and 80% renewable energy for all energy sectors by 2030 to promote job creation and economic growth and to protect the Earth for current and future generations from a climate catastrophe.

SECTION 2. The Town of Knightdale petitions the State of North Carolina and the US Congress to enact legislation to support Knightdale's transition to 100% renewable energy. This includes advocating for a federal price on carbon, as outlined in H.R. 763, Energy Innovation and Carbon Dividend Act, along with other federal and state policies that will facilitate the City of Knightdale in achieving 100% renewable energy.

SECTION 3. This resolution is effective upon adoption.