13 FY 19/20

November 21, 2019

**AN ORDER FOR STATE AGENCIES TO LEAD BY EXAMPLE AND REDUCE COSTS THROUGH ENERGY EFFICIENCY, RENEWABLE ENERGY AND SUSTAINABILITY MEASURES**

**WHEREAS**, climate change is already having negative impacts on Maine and, if not addressed, will have devastating effects on the state;

**WHEREAS**, increased use of cleaner, low-carbon energy generated in Maine including solar, wind, geothermal, wood and biomass, and biofuels will reduce Maine’s reliance on imported fossil fuels;

**WHEREAS**, Maine has pledged to be carbon neutral by 2045; has committed to reduce greenhouse gas emissions 45% below 1990 levels by 2030 and by at least 80% by 2050; and Maine's renewable portfolio standard requires 80% renewable energy by 2030 and a goal of 100% by 2050;

**WHEREAS**, Maine has supported beneficial electrification of certain technologies for the benefit of consumers, utility systems, and the environment; and has acted to transform Maine’s heat pump market to advance economic security and climate objectives;

**WHEREAS**, the Maine Climate Council is beginning to develop plans to meet the emissions targets in Maine’s buildings, infrastructure, transportation, and energy sectors and to increase the resiliency of Maine’s communities, industries, and people; and

**WHEREAS**, state government should lead by example and invest in renewable energy, increase energy efficiency and resiliency, encourage waste reduction, and reduce operational costs;

**NOW THEREFORE**, I, Janet T. Mills, Governor of the State of Maine, pursuant to *Me. Const. Art V, Pt 1, Secs 1 and 12*, do hereby order as follows:

**I. POLICY GOAL**

Maine state government will lead by example in investing in energy efficiency, renewable energy, and reducing costs and emissions; promoting health and sustainability in the workplace; and building resilient infrastructure. State government operations will strive to equal or exceed Maine’s emissions reduction targets. State workplaces will become healthier for employees and generate less waste. State facilities will be designed with greater resilience to new climate conditions. These efforts aim to reduce waste, promote employee health and save taxpayer money.

**II. SUSTAINABILITY LEADERSHIP COMMITTEE**

The Governor’s Energy Office (GEO) and the Governor’s Office of Policy Innovation and the Future (GOPIF) shall convene a Leadership Committee with representatives from the Department of Environmental Protection (DEP), Efficiency Maine Trust (EMT), Department of Administrative and Financial Services (DAFS), and Department of Transportation (DOT). This Committee shall develop a baseline of energy use and greenhouse gas emissions from state operations by February 1, 2021. This baseline and a plan for meeting the goals of the executive order shall be posted online. Every two years thereafter, the state shall report annual energy use, sources, greenhouse gas emissions, and progress on the plan to the Governor, the Legislature and post the report for the public.

**III. ENERGY COST SAVINGS PLAN**

State agencies shall, by February 1, 2021, coordinate with the Leadership Committee to develop and implement a sustainability plan to meet or exceed the state’s renewable energy and greenhouse gas reduction timelines and targets. The plan shall consider policies including, but not limited to:

A. Prioritizing energy and fuel efficiency when upgrading building systems (e.g., lighting, HVAC, water, information technology), appliances, and vehicle fleets;

B. Installing renewable energy generation and energy storage on state property or procuring energy from low-carbon sources;

C. Promoting electric vehicle adoption and installing electric vehicle charging stations on state property; and

D. Reducing employees’ vehicle miles traveled by encouraging video conferencing; commuting by carpool, public transit, bike, or foot; and offering preferred parking, bike storage, and other incentives to encourage these options.

DAFS shall develop a Master Plan for Augusta State Facilities that addresses the transition to renewable energy, reduced energy consumption, and reduced carbon emissions, with the goal of achieving the policy goals set out in this Order. The Master Plan shall promote sustainability in all aspects of facility construction, maintenance and use by State agencies, in recognition of the State’s role in improving its stewardship of the natural environment and maintaining a healthy environment for State employees and the public.

**IV. RESPONSIBLE PROCUREMENT**

All state agencies shall reduce their impact on the environment and enhance public health by procuring environmentally preferable products and services whenever such products and services are readily available, perform to satisfactory standards, and represent best value to the State of Maine. In doing so, procuring agencies will help conserve natural resources, reduce waste, reduce carbon emissions, protect public health and the environment, and promote the use of clean technologies, recycled materials, and less toxic products. Environmentally preferable products shall include, but not be limited to, products and services that: contain recycled materials; conserve energy or water; minimize waste and packaging; are less toxic and hazardous; reduce the generation, release, or disposal of toxic substances; protect open space; and/or otherwise lessen the impact of such products or services on public health and the environment. Agencies shall consider the total cost of ownership, including all costs associated with the production, purchase, transportation, use, operation, and disposal of such products or services. Agencies shall consider Maine-sourced products and services when total costs are competitive.

**V. WASTE MANAGEMENT**

All state agencies shall encourage practices that lead to healthier and less wasteful workplaces. Such practices may include, but not be limited to: improving recycling and composting; reducing the use of plastic, foam, and single-use products; providing information to state employees about reducing their workplace carbon footprint and reducing solid waste in the workplace; and annual recognition may be made of agencies, projects, or employees that are leading by example.

**VI. RESILIENT STATE FACILITIES**

State agencies shall account for climate change projections including, but not limited to sea level rise and increased precipitation and temperature, when siting and designing new state facilities and other construction projects and shall make every available effort to increase the resiliency of these facilities and infrastructure. Agencies shall consider continuity of operations and resilience in building system design for critical facilities including, but not limited to battery storage and microgrid strategies.

**VII. COORDINATION**

The following entities shall further undertake the following tasks.

A. Each state agency shall designate an internal sustainability coordinator and may establish internal sustainability teams.

B. GOPIF and GEO shall designate a state sustainability coordinator to facilitate and support activities across agencies.

C. A leadership committee comprised of the sustainability coordinators from GOPIF/GEO, DEP, EMT, DAFS, and DOT shall meet regularly to lead development and implementation of plans, seek consistency and cost efficiencies where appropriate, and track progress.

D. GEO shall coordinate with EMT to create a program to promote and fund projects that reduce emissions and costs or increase low-carbon energy adoption and efficiency.

**VIII. EFFECTIVE DATE**

The effective date of this order is November 21, 2019.

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Janet T. Mills

Governor