

GOVERNOR'S TASK FORCE ON CLIMATE CHANGE

December 19, 2019
11:00 am – 5:00 pm

OPENING REMARKS

- Lt. Governor Barnes
- American Family Insurance




PLAN FOR THE DAY

Raj Kamal
Facilitator

AGENDA

Ref #	Time	Topic
Opening Remarks		
1	11:00 – 11:05	Welcome – Lieutenant Governor Barnes
2	11:05 – 11:15	Welcome – American Family Insurance
3	11:15 – 11:20	Plan for the day – Raj Kamal
4	11:20 – 11:50	Task Force member introductions – Raj Kamal
5	11:50 – 12:10	Overview of the Task Force's charge and meeting goals – Lieutenant Governor Barnes
12:10 – 12:45 – Lunch break		
6	12:45 – 1:45	WICCI Presentation – Global and Wisconsin impacts and adaptation
7	1:45 – 2:45	Environmental justice presentation
2:45 – 3:00 – Break		
8	3:00 – 3:05	Explain the next task – Raj Kamal
9	3:05 – 4:35	Brainstorming and discussion – three levels <u>Level 1:</u> Individual "Think time" (30 minutes) <u>Level 2:</u> Table group discussion (30 minutes) <u>Level 3:</u> Task Force sharing (30 minutes)
10	4:35 – 4:50	Task Force Member Q&A, clarifications
11	4:50 – 5:00	Closing remarks, next steps

INTRODUCTIONS

- NAME
- ORGANIZATION
- COMMUNITY

TASK FORCE OVERVIEW

CHARGE OF TASK FORCE, MEETING GOALS

LT. GOVERNOR BARNES

EXECUTIVE ORDER 38- FULL TEXT

EXECUTIVE ORDER

Relating to Clean Energy in Wisconsin

WHEREAS, climate change poses a serious threat to Wisconsin's natural resources, public health, communities, tourism, and economy;

WHEREAS, past research by the Wisconsin Initiative on Climate Change Impacts has shown that by the middle of the century, statewide average annual temperatures are likely to warm by 6 to 7 degrees Fahrenheit, and a recent report from the Union of Concerned Scientists suggests that under the current trajectory, by 2050 Wisconsin could see two weeks per year of dangerous heat - with heat indices above 100 degrees - analogous to the current climate in states such as Alabama and South Carolina;

WHEREAS, increasing instances of extreme weather events like flooding are devastating Wisconsin communities. Research by the Wisconsin Initiative on Climate Change Impacts shows that climate change is likely to cause a general increase in precipitation across the state, with extended dry periods during the summer and flooding during periods of heavy rain;

WHEREAS, climate change poses significant threats to communities that lack the resources and geographic mobility to adapt to changes, including pronounced threats to the cultural resources, economic vitality, and human health of Native Nations;

WHEREAS, protection of Wisconsin's iconic agricultural, hunting, fishing, and outdoor recreation opportunities remains critical to our heritage, quality of life, economy, and ability to attract and retain businesses in diverse industries;

WHEREAS, the air emissions released as a result of fossil fuel combustion cause a wide variety of adverse health impacts including asthma attacks, pneumonia, cardiovascular disease, chronic and acute bronchitis, lower respiratory ailments, upper respiratory ailments, heart attacks, neurological deficits, immune system deficits, and cancer;

WHEREAS, Wisconsin spends, on average, more than \$12 billion out of the state each year to import fossil fuels including coal, natural gas, and petroleum;

WHEREAS, a transition to a clean energy economy will generate thousands of family-supporting jobs;

WHEREAS, Wisconsin is a member of the United States Climate Alliance and has pledged to support the carbon reduction goals of the 2015 Paris Climate Accord; and

WHEREAS, our state has a responsibility to current and future generations of Wisconsinites to act to prevent continuing damage to our climate and to invest in solutions that help to mitigate the changes that have already occurred.

NOW, THEREFORE, I, TONY EVERS, Governor of the State of Wisconsin, by the authority vested in me by the Constitution and the Laws of the State, hereby:

1. Order the Department of Administration to create the Office of Sustainability and Clean Energy;
2. The Office of Sustainability and Clean Energy shall be charged with the following:
 1. In partnership with other state agencies and state utilities, achieve a goal of ensuring all electricity consumed within the State of Wisconsin is 100 percent carbon-free by 2050.
 2. Ensure the State of Wisconsin is fulfilling the carbon reduction goals of the 2015 Paris Climate Accord.
 3. Develop a clean energy plan to assist the State of Wisconsin in adapting to and mitigating the harm from climate change by using clean energy resources and technology. The Office of Sustainability and Clean Energy shall coordinate with the Department of Natural Resources, the Department of Transportation, the Public Service Commission, the Department of Agriculture, Trade and Consumer Protection, other state agencies, Native Nations, local governments, utilities, businesses, and other stakeholders to develop and implement the clean energy plan.
 4. Promote clean energy workforce training, in partnership with the University of Wisconsin System, Wisconsin Technical College System, private and non-profit workforce development programs and labor organizations, and the Wisconsin Manufacturing Extension Partnership.
 5. Foster innovation, research, and business development within the renewable energy, energy efficiency and sustainability sectors.
 6. Develop energy efficiency, sustainability and renewable energy standards for all new and existing state facilities, office buildings, and complexes.

IN TESTIMONY WHEREOF, I have hereunto set my hand and caused the Great seal of the State of Wisconsin to be affixed. Done at the Capitol in the City of Madison this sixteenth day of August in the year of two thousand nineteen.

EXECUTIVE ORDER

#52

Relating to the Creation of the Governor's Task Force on Climate Change

WHEREAS, climate change is a grave threat to the health, safety, and economic well-being of people and communities throughout the State of Wisconsin;

WHEREAS, according to the Fourth National Climate Assessment conducted by the United States Global Change Research Program, "Earth's climate is now changing faster than at any point in the history of modern civilization, primarily as a result of human activities";

WHEREAS, research by the Wisconsin Initiative on Climate Change Impacts projects increases in extreme weather in Wisconsin over the next century, including significant changes of temperature at both ends of the spectrum and a 75 percent probability that annual average precipitation will increase;

WHEREAS, the rise and frequency of extreme weather associated with climate change leads to health risks associated with air and water quality, extreme heat, and storm related hazards for all Wisconsinites;

WHEREAS, the changing climate threatens Wisconsin's multi-billion-dollar agricultural and dairy industries and products grown and produced in Wisconsin such as beer, ginseng, and cranberries;

WHEREAS, farmers in Wisconsin, as innovators and stewards of our land and resources, are an integral part of the solution to addressing climate change through alternative energy opportunities;

WHEREAS, climate change will affect jobs across all industries and occupations, including farming, food processing, construction, manufacturing, insurance, retail, leisure, healthcare, and energy, by changing what goods and services businesses offer and how they produce and transport those goods and services;

EXECUTIVE ORDER 52- FULL TEXT

WHEREAS, Wisconsin's tourism industry is also significantly affected by climate change with a shortened winter recreational season for ice fishing, snowmobiling, and cross-country skiing, and rising lake and river temperatures harming recreational fishing;

WHEREAS, climate change also exacerbates existing threats to communities of color and low-income communities;

WHEREAS, communities of color and low-income communities often experience the first and worst consequences of climate change and have long been on the frontlines of this battle, and therefore, environmental, climate, and economic policy must incorporate justice and equity for people of color and low-income communities;

WHEREAS, Wisconsin's Native Nations are the original keepers of this land and its ecosystems, and stewardship and sustainability are woven into their ways of life, and climate change poses an immediate threat to their well-being, cultural practices such as hunting and spearfishing, and to Indigenous foods like wild rice;

WHEREAS, according to the United States Global Change Research Program, "without substantial and sustained global mitigation and regional adaptation efforts, climate change is expected to cause growing losses to American infrastructure and property and impede the rate of economic growth over this century";

WHEREAS, the State of Wisconsin has agreed to fulfill the carbon reduction goals of the 2015 Paris Climate Accord, set a goal to ensure all electricity consumed in Wisconsin is 100 percent carbon-free by 2050, and is committed to working with businesses and industry to reduce emissions through pollution prevention and improved energy efficiency; and

WHEREAS, to ensure economic growth and development and provide responsible environmental stewardship, assist in developing sustainable job opportunities for those displaced by the impacts and costs of climate change, we must do more to continue build resilient communities and develop strategies to mitigate, adapt to, and prepare for climate-related effects in Wisconsin.

EXECUTIVE ORDER 52- FULL TEXT

NOW THEREFORE, I, TONY EVERS, Governor of the State of Wisconsin, by the authority vested in me by the Constitution and laws of this State, including Section 14.019 of the Wisconsin Statutes, hereby create the Governor's Task Force on Climate Change ("Task Force") and order the following:

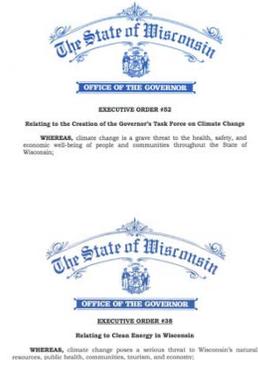
- The Task Force shall be chaired by the Lieutenant Governor or a designee. The Governor shall appoint additional task force members as follows to serve at the pleasure of the Governor:
 - The Secretary of the Department of Natural Resources or a designee;
 - The Secretary of the Department of Agriculture, Trade, and Consumer Protection or a designee;
 - The Secretary of the Department of Workforce Development or a designee;
 - Two members of the Wisconsin State Assembly, one representing each caucus;
 - Two members of the Wisconsin State Senate, one representing each caucus; and
 - Other individuals who may include individuals representing the business community, the agricultural community, utility companies, organized labor, the tourism industry, Native Nations, and institutions of higher education.
- The Task Force shall advise and assist the Governor in developing a strategy to mitigate and adapt to the effects of climate change for the benefit of all Wisconsin communities. The Task Force shall do the following:
 - Assess the best-available scientific research from both state and national sources to evaluate the impacts of climate change on the state's citizens and environment;
 - Review actions already taken by Wisconsin cities, counties, and Native Nations and other states to address climate change;
 - Work with the University of Wisconsin System, the Wisconsin Technical College System, other state educational institutions, and Wisconsin's business community to support innovative climate-smart research, engineering, design, and manufacturing, including low emissions technologies in areas such as transportation, materials engineering, agricultural productivity, manufacturing, and natural resource management. Strategies should seek to integrate appropriate plans for equitable economic development, workforce development, and technology transfer;
 - Host public hearings throughout Wisconsin to hear stakeholder input on how extreme weather, rising lake and river temperatures, increased emissions, and other effects of climate change are affecting the health and well-being of individuals, communities, and their economies;
 - Consult with Tribal Governments to coordinate efforts in addressing climate change and ensure recommendations address the unique threats climate change poses to Native Nations; and
 - Make recommendations to meaningfully address the effects of climate change and create a clean energy economy in Wisconsin that supports sustainable job opportunities, which may include legislative, legal, regulatory, or community-based initiatives.
- The Task Force shall be staffed by the Department of Administration.
- The Task Force shall work closely with the Office of Sustainability and Clean Energy to identify new, cost-effective conservation, sustainability, and efficiency strategies for the state and prepare Wisconsin for climate change by incorporating climate adaptation strategies into existing planning.
- All executive branch agencies shall aid the Task Force to the greatest extent possible, including:
 - Making technical staff available to assist the Task Force as necessary and as practicable given agency staffing needs; and
 - Providing information and data needed by the Task Force to perform its duties.
- The Department of Natural Resources shall do the following:
 - Work with the Wisconsin Initiative on Climate Change Impacts (WICCI) and the University of Wisconsin Nelson Institute for Environmental Studies to update and re-issue WICCI's 2011 report "Wisconsin's Changing Climate: Impacts and Adaptation";
 - Collect updated, impartial scientific data on the rate of climate change in Wisconsin and its impact on Wisconsin's natural environment; and
 - Make its scientific data available to the Task Force.
- The Task Force shall issue a report detailing the Task Force's work and recommendations to the Governor on or before August 31, 2020. The Task Force shall provide additional reports and recommendations when requested by the Governor.

IN TESTIMONY WHEREOF, I have hereunto set my hand and caused the Great seal of the State of Wisconsin to be affixed. Done in the City of Milwaukee this seventeenth day of October in the year of two thousand nineteen.

By the Governor:
TONY EVERS
 Governor

DOUGLAS LA FOLLETTE
 Secretary of State

CURRENT POLICY DRIVERS



EO #38 OFFICE OF SUSTAINABILITY AND CLEAN ENERGY

- Achieve a goal of ensuring all electricity consumed within the State of Wisconsin is 100% carbon-free by 2050
- Creates the Office of Sustainability and Clean Energy
 - Develop and implement a clean energy plan in collaboration with other departments and agencies
 - Promote clean energy workforce training
 - Foster innovation, research, and business development with renewable energy, energy efficiency, and sustainability sectors
 - Develop energy efficiency, sustainability, and renewable energy standards for all new and existing state facilities, office buildings, and complexes.

EO #52 CLIMATE CHANGE

- Advise and assist the Governor in developing a strategy to mitigate and adapt to the effects of climate change for the benefit of all Wisconsin communities.
- Work closely with the Office of Sustainability and Clean Energy to identify new, cost-effective conservation, sustainability, and efficiency strategies for the state and prepare Wisconsin for climate change by incorporating climate adaptation strategies into existing planning.
- All executive branch agencies shall aid the Task Force to the greatest extent possible,
- Issue a report detailing the Task Force's work and recommendations to the Governor on or before August 31, 2020.

LUNCH BREAK

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WISCONSIN INITIATIVE ON CLIMATE CHANGE IMPACTS
 GLOBAL IMPACTS AND ADAPTATION



DAN VIMONT
 Professor, Atmospheric and Oceanic Sciences
 Director, Nelson Institute Center for Climatic Research
 Co-Director, Wisconsin Initiative on Climate Change Impacts

ENVIRONMENTAL JUSTICE



AUGUST BALL
 Cream City Conservation

15 MINUTE BREAK

**BRAINSTORMING AND
DISCUSSION**

RAJ KAMAL
FACILITATION-EXPLANATION

**LEVEL 1
INDIVIDUAL "THINK TIME"**

Identify environmental, economic, and social impact of climate change. Also identify potential solutions for various impacts.

**LEVEL 2
TABLE GROUP DISCUSSION**

Select a volunteer spokesperson for the table who will report out to the larger group. Discuss top 3-5 impacts and solutions at your table.

**LEVEL 3
TASK FORCE SHARING**

Volunteer spokesperson from each table will report back key impacts and solution discussed in each group.

Q&A, CLARIFICATION
TASK FORCE MEMBERS ONLY

CLOSING

LT. GOVERNOR BARNES