

# The Clean Energy Jobs Act

## Opportunities for Energy Efficient Planning

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# CLIMATE SUMMIT

WHAT IF IT'S  
A BIG HOAX AND  
WE CREATE A BETTER  
WORLD FOR NOTHING?

- ENERGY INDEPENDENCE
- PRESERVE RAINFORESTS
- SUSTAINABILITY
- GREEN JOBS
- LIVABLE CITIES
- RENEWABLES
- CLEAN WATER, AIR
- HEALTHY CHILDREN
- etc. etc.



# Overview

- GHG Reduction Goals
- Energy Conservation
- Electric Generation & Supply
- Agriculture & Forestry
- Transportation & Planning



# Greenhouse Gas Reduction Goals

## Statewide GHG Reductions

- Reduction to 2005 GHG emissions levels by 2014
- 22% reduction from 2005 levels by 2022
- 75% reduction from 2005 levels by 2050

## State Agencies – “Government As Leader”

- 22% reduction from 2005 levels by 2020

# Energy Conservation

- “Zero Net Energy” buildings (2030)
- Reduction in statewide energy consumption
  - 1% by 2011
  - 2 % by 2015 and every year thereafter
- Reduction in statewide consumption of LPG, heating oil and natural gas
  - 0.5% by 2011
  - 1% by 2013 and every year thereafter

# Electric Generation & Supply

- Revised Renewable Portfolio Standard (RPS)
  - 10% renewable energy by 2013 (currently 2015)
  - 25% renewable energy by 2025, including 10% from *facilities in the state*
  - Definition of “renewable” expanded to include sources of non-electric energy
- Change in regulatory process for proposed nuclear power plant construction

# Agriculture & Forestry

- Energy Crop Reserve program
- State facilities: 25% of energy from biomass or renewable fuels by 2025
- Revisions to Wisconsin Forest Land Owner Grant Program

# Transportation & Planning

- Carbon-Audited Transportation
- Transportation Planning
- “Growth Accommodation Incentives”
- Smart Growth Grants

# Carbon-Audited Transportation

- DOT evaluation of transportation projects for GHG emissions impacts
- Any time EIS or EA required
- GHG emissions and energy over project's life cycle
- GHG and energy over life cycle of alternative(s)

# Transportation Planning

GHG emissions reductions for surface transportation and long-term transportation planning

- Surface
  - Statewide goals
  - MPOs must follow suit
- Long-term
  - DOT's "2030 Plan"
  - Strategies, methods & procedures for preparing plans & programs

# Growth Accommodation Incentives

Greater weight in considering grant awards/loans

- Transportation Facilities Economic Assistance & Development Program
- Brownfields Site Assessment Grants
- Brownfields Grant Program
- Main Street Program
- Forward Innovation Fund

Qualifying projects

- TNDs meeting specified criteria
- Voluntary environmental design codes (e.g., green building)
- Green Tier Charter resulting in significant GHG reductions/energy savings

# Smart Growth Grants

- Additional considerations when awarding grants
- Adds seventh element for preferential consideration – Traditional Neighborhood Development (TND)
- Also must *consider*:
  - Whether any TNDs meet specified criteria
  - Whether making an area a TND would result in reduction of travel, energy use or GHG emissions



*Thank You*

<http://dnr.wi.gov/climatechange/>

<http://www.legis.state.wi.us/lc/publications/climate/index.htm>