

Alliant Energy Update

Dane County Council on Climate Change
June 8, 2018



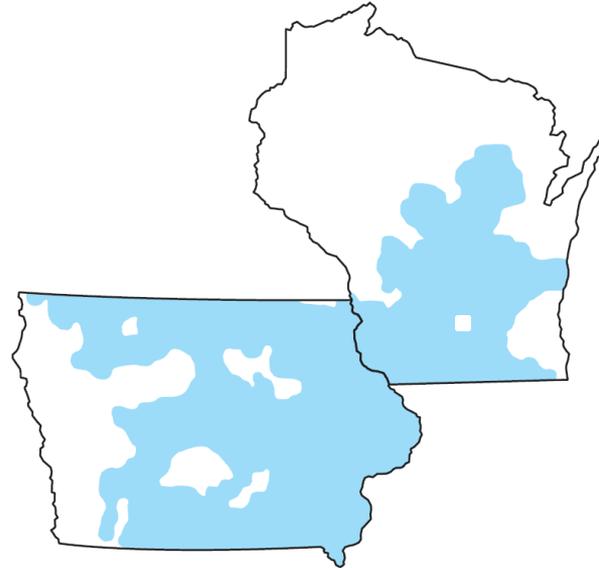
About Alliant Energy

Our mission

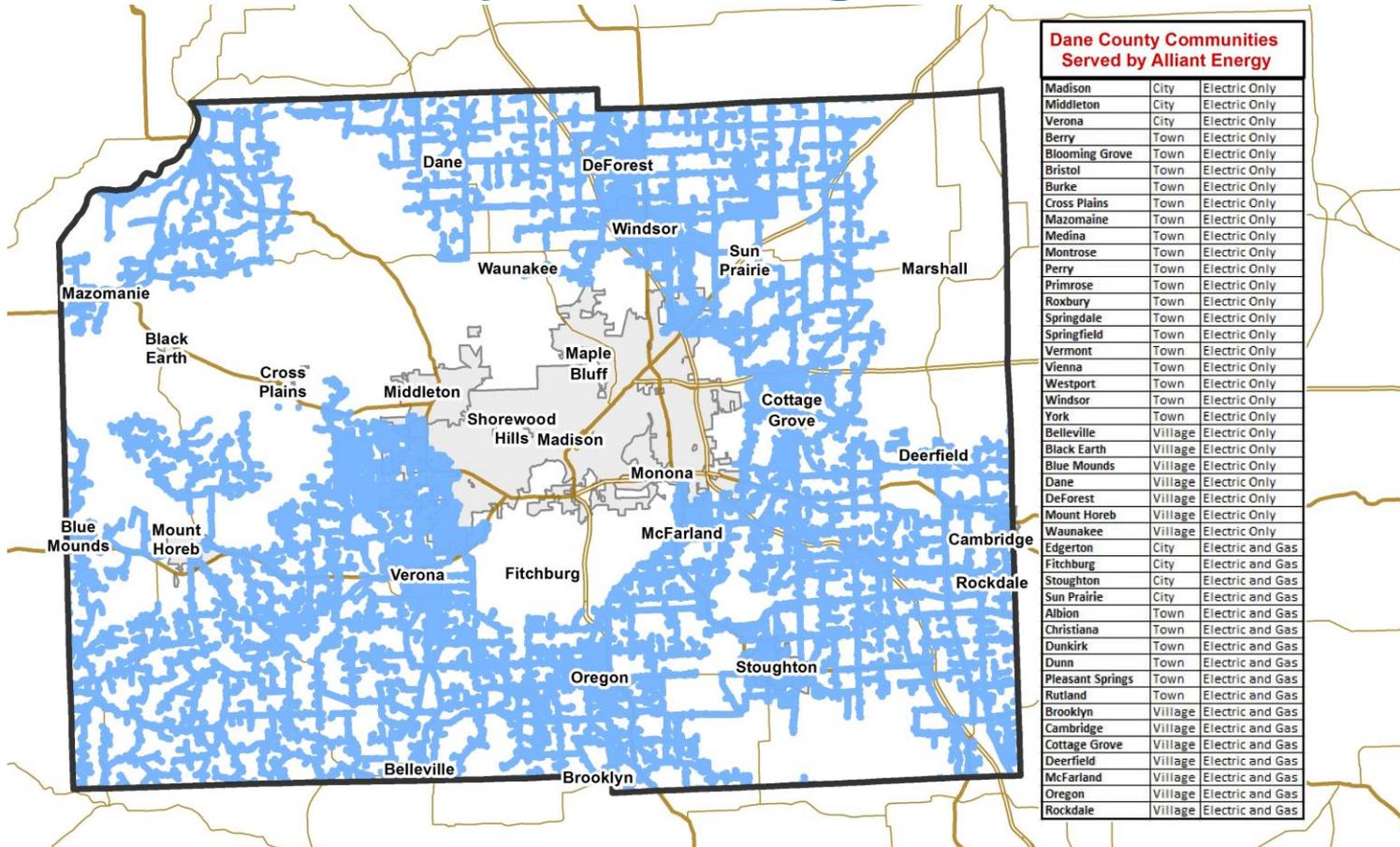
To deliver the energy solutions and exceptional service that our customers and communities count on – safely, efficiently and responsibly.

Our operations

- 958,318 electric customers
- 411,758 natural gas customers
- 3,978 employees
- \$3.3 billion operating revenues
- \$13.4 billion total assets

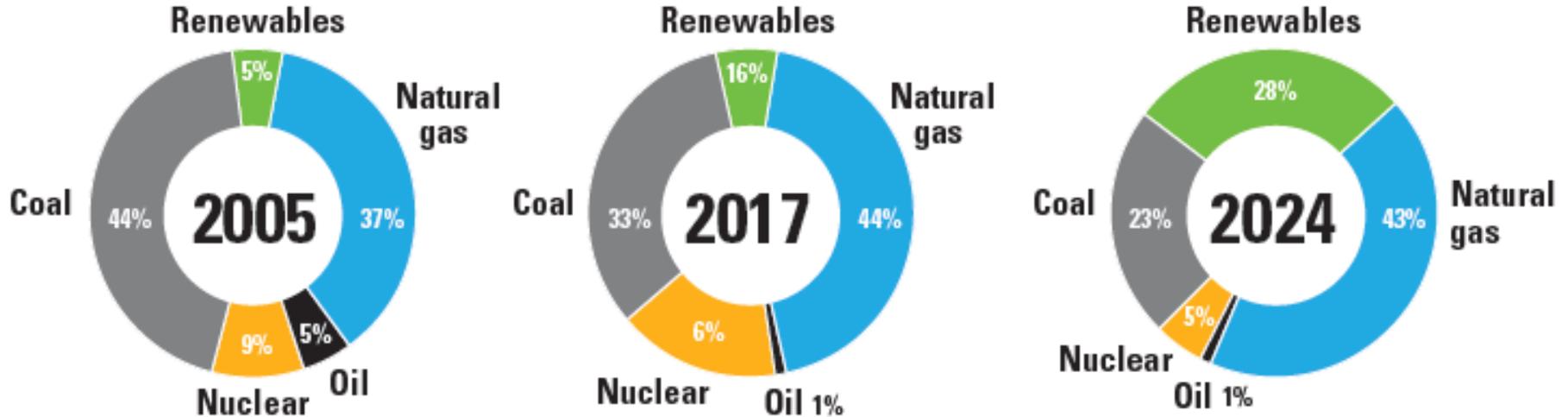


Dane County Coverage



Generation Transformation

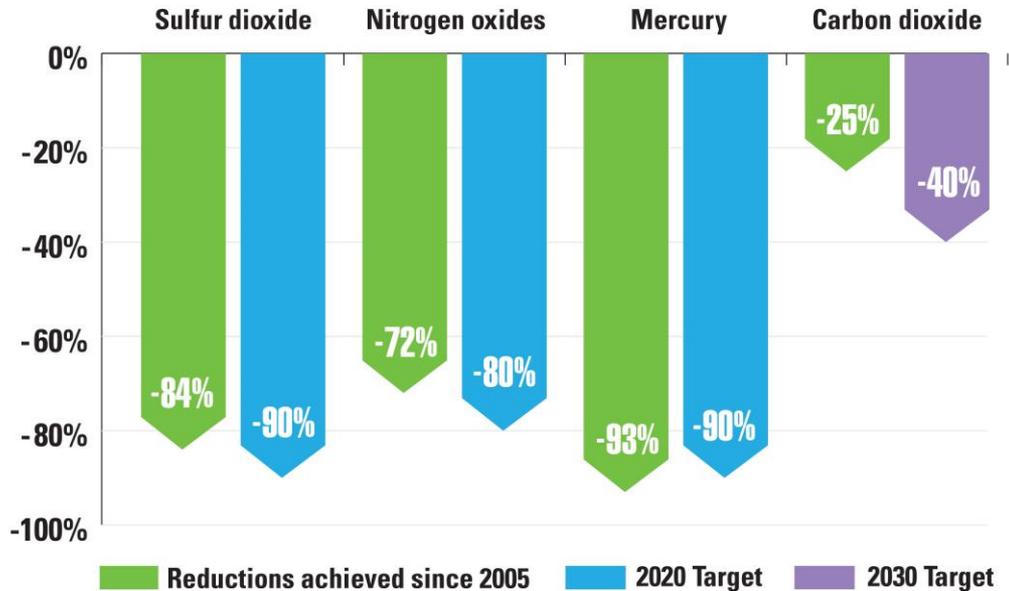
Transitioning our energy resources*



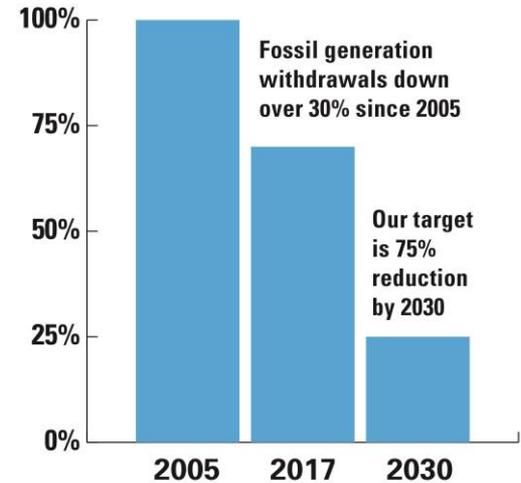
*Based on rated capacity in megawatts

What Does This Mean?

Reducing our air emissions impact



Reducing our water supply needs



Strategic Plan

- Generation
 - New natural gas
 - New wind
 - New solar
- Emission control projects
 - SO₂, NO_x, Hg, CAMP
- Ash and water projects
 - All ponds closed by 2025
- Decommissioning



Building for high performance

- Pursuing Envision™ certification for new energy resource projects (gas, solar, wind)
- Infrastructure rating system based on 60 sustainability criteria
 - Quality of Life
 - Leadership
 - Resource Allocation
 - Natural World
 - Climate and Risk



Adopting innovative technologies

Solar energy learning lab

- Madison, WI general office
- Various solar structures and parking canopies
- Electric vehicle charging stations
- Energy battery storage systems
- Live performance data portal
 - alliantenergy.com/solar



Repurposing our sites

Rock River Solar Facility

- On top of our retired landfill
- Special design avoids disturbing engineered cover
- Precast concrete pads instead of driving beams into ground
- 7,700 panels on 17 acres
- 2.3 Megawatts



Programs

- Second Nature™
 - About 12,100 customers
- EE and appliance rebates
- Electrification
 - Commercial
 - Forklift \$1,000
 - TRU and infrastructure \$1,500
 - Workplace EV Charger up to \$1,500
 - Farm wiring program up to \$10,000
 - Residential
 - \$500 buy down for new EV, \$250 for used

Energy efficiency companywide

- 257 million kWh
- 3.3 million therms

Focus on Energy

- 82.6 million kWh saved
- 1.4 million therms

Energy efficiency in action

2017 energy saved equivalent to emissions from:



44,000 gasoline-powered passenger vehicles driven for one year



22,000 homes' energy use for one year

Source: EPA Greenhouse Gas Equivalencies Calculator



Inspiring efficiency through ingenuity

Alliant Energy Advisor (Wisconsin)

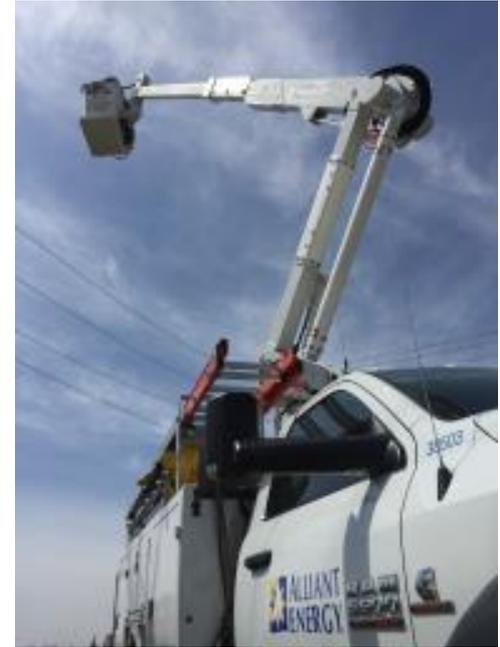
alliantenergy.com/advisor

- Digital program offers a free, personalized plan for saving energy
- Provides energy efficiency tips, reminders, and incentives
- Helps customers save money, keeps our rates competitive, and preserves natural resources



Vehicle Fleet Transition

- Goal – Transition fleet vehicles and equipment to electric
- Over 30 JEMS since 2015
- Approximately 3% of fleet vehicles electric



AE SmartRide

- Ride share program for employees
- Increase commuting awareness
- Reduce business VMT
- Reduce Scope 3 emissions
- Data collection and reporting

The image shows two screenshots of the Alliant Energy SmartRide interface. The top screenshot is the public-facing website, and the bottom screenshot is the internal admin dashboard.

Website Screenshot:

- Header:** Alliant Energy logo, navigation menu (Home, Dashboard, Admin, Network Admin, Events, Incentives, Challenges, Tools), and user name (Steve).
- Hero Section:** A cyclist on a bike with a car in the background. Text: "Go Beyond with Smart Ride", "IT'S NOT JUST WHAT WE DO; IT'S HOW WE DO IT!".
- Form:** A simple form with fields for "A Start" and "B Destination", and a "Let's Go!" button.
- Section:** "Smart Ride - Making connections to travel more efficiently".
- Text:** "Alliant Energy typically records 4 million reimbursable miles per year. With a Vision focused on keeping customer bills down and a commitment to sustainability, Smart Ride provides a network that makes carpooling convenient and easy. Every mile you save helps lower both the cost of doing business and our carbon footprint, while connecting with fellow employees. So get started today!"
- Buttons:** "Save Money, Earn Rewards" (with a dollar sign icon) and "Get Healthy" (with a heart icon). The latter has a subtext: "Track your bike or walking commutes and support".

Admin Dashboard Screenshot:

- Header:** Alliant Energy logo, navigation menu (Home, Dashboard, Admin, Network Admin, Events, Incentives, Challenges, Tools), and user name (Steve).
- Left Sidebar:** Dashboard, Users, Networks, Trip Plans.
- Main Content:**
 - System Use:**
 - 450 Users
 - 5 Networks
 - 2,309 Trip Searches
 - 285 Favorite Trips
 - 65 Carpool Messages
 - 4,989 Trip Logs
 - System Impact:**
 - 1.5k Alternative Trips
 - 48,580 mi Alternative Distance
 - 0.2 Million Calories Burned*
 - 11.5 tons CO2 Reduction*
 - \$16,017.71 Money Saved*
- Footer:** Support button with a question mark icon.

Adapting to support wildlife and habitat

- Physical footprint expanding with more renewables
- Mapping and assessment tools used to identify high risk areas
- Implementing measures to minimize impacts
- Restoring and adding pollinator-friendly prairies



Learn more at:

alliantenergy.com/sustainability

