Alliant Energy Corporation ESG Highlights

Targeted reduction in **carbon dioxide emissions** by 2030

40% from 2005 levels

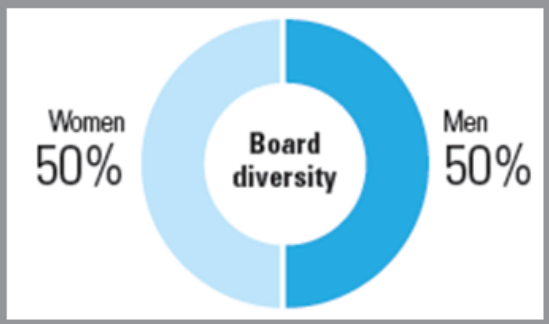
At end of 2016, achieved 34%

Target reduction of **fossil generation water withdrawals** by 2030

75% from 2005 levels

At end of 2016, achieved 25%

Gender diversity in the boardroom



Alliant Energy Corporation Shareowner Rights Agreement expires on December 11, 2018.

Data as of August 2017 *Sustainability Report and Proxy*

EEI ESG/Sustainability Template – Section 2: Quantitative Information

Disclaimer: All information below is being provided on a voluntary basis, and as such, companies may elect to include or exclude any of the topics outlined below and customize the template to their specific needs. The decision to include data for historical and future years is at the discretion of each company and the specific years (e.g., historical baseline) should be chosen as appropriate for each company. Information and data provided may be subject to change.

Version:	**01-Dec-17**
Parent Company:	**Alliant Energy Corporation**
Operating Company(s):	**Interstate Power and Light (IPL), Wisconsin Power and Light (WPL)**
Business Type(s):	**Vertically integrated electric utility and natural gas local distribution company**
State(s) of Operation:	**Iowa and Wisconsin for retail and wholesale, IPL also sells electricity to wholesale customers in Minnesota and Illinois.**
State(s) with RPS Programs:	**Iowa and Wisconsin**
Regulatory Environment:	**Federal Energy Regulatory Commission, Iowa Utilities Board, Public Service Commission of Wisconsin, and Federal, state and local environmental laws and regulations**
Report Date:	**12/01/2017**
Contact(s):	**Susan Trapp-Gille (SusanGille@alliantenergy.com)**
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Ref. No.	EEI ESG/Sustainability Metric	Current Year 2016 *Actual*
	Portfolio	
1	**Owned Nameplate Generation Capacity at end of year (MW) — Overall Total**	**6,141**
1.1	Coal	2,590
1.2	Natural Gas	2,697
1.3	Nuclear	NA
1.4	Petroleum	343
1.5	Total Renewable Energy Resources	**511 (details below)**
1.5.1	Biomass/Biogas	NA
1.5.2	Geothermal	NA
1.5.3	Hydroelectric	42
1.5.4	Solar	NA
1.5.5	Wind	469
1.6	Other	NA
2	**Net Generation for the data year (MWh) — Overall Total**	**30,569,012**
2.1	Coal	11,019,347
2.2	Natural Gas	4,514,230
2.3	Nuclear	3,443,553
2.4	Petroleum	5,996
2.5	Total Renewable Energy Resources	**2,872,852 (details below includes Second Nature)**
2.5.1	Biomass/Biogas	203
2.5.2	Geothermal	0
2.5.3	Hydroelectric	363,809
2.5.4	Solar	125
2.5.5	Wind	2,461,629
2.6	Other - Second Nature renewables	47,086
2.6	Other - various	8,713,034
2.i	**Owned Net Generation for the data year (MWh) — Overall Total**	**17,133,943**
2.1.i	Coal	11,019,347
2.2.i	Natural Gas	4,504,968
2.3.i	Nuclear	NA
2.4.i	Petroleum	5,996
2.5.i	Total Renewable Energy Resources	**1,603,632 (details below)**
2.5.1.i	Biomass/Biogas	NA
2.5.2.i	Geothermal	NA
2.5.3.i	Hydroelectric	221,231
2.5.4.i	Solar	31
2.5.5.i	Wind	1,382,370
2.6.i	Other	NA
2.ii	**Purchased Net Generation for the data year (MWh) — Overall Total**	**13,435,069**
2.1.ii	Coal	NA
2.2.ii	Natural Gas	9,262
2.3.ii	Nuclear	3,443,553
2.4.ii	Petroleum	NA
2.5.ii	Total Renewable Energy Resources	details below
2.5.1.ii	Biomass/Biogas	203
2.5.2.ii	Geothermal	NA
2.5.3.ii	Hydroelectric	142,578
2.5.4.ii	Solar	94
2.5.5.ii	Wind	1,079,259
2.6.ii	Other - Second Nature renewables	47,086
2.6.ii	Other - various	8,713,034
3	**Investing in the Future: Capital Expenditures, Energy Efficiency (EE), and Smart Meters**	
3.1	Total Annual Capital Expenditures (nominal dollars)	$1,196,800,000
3.2	Incremental Annual Electricity Savings from EE Measures (MWh)	212,917
3.3	Incremental Annual Investment in Electric EE Programs (nominal dollars)	$45,712,341
3.4	Percent of Total Electric Customers with Smart Meters (at end of year)	49%
4	**Retail Electric Customer Count (at end of year)**	
4.1	Commercial	141,528
4.2	Industrial	2,546
4.3	Residential	811,459

	Emissions	
5	**GHG Emissions: Carbon Dioxide (CO2) and Carbon Dioxide Equivalent (CO2e)**	
5.1	**Owned Generation (1) (2) (3)**	
5.1.1	Carbon Dioxide (CO2)	
5.1.1.1	Total Owned Generation CO2 Emissions (MT)	14,305,789
5.1.1.2	Total Owned Generation CO2 Emissions Intensity (MT/Net MWh)	0.8349
5.1.2	Carbon Dioxide Equivalent (CO2e)	
5.1.2.1	Total Owned Generation CO2e Emissions (MT)	14,371,878
5.1.2.2	Total Owned Generation CO2e Emissions Intensity (MT/Net MWh)	0.8388
5.2	**Purchased Power* (4)**	
5.2.1	Carbon Dioxide (CO2)	
5.2.1.1	Total Purchased Generation CO2 Emissions (MT)	6,139,542
5.2.1.2	Total Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.4570
5.2.2	Carbon Dioxide Equivalent (CO2e)	
5.2.2.1	Total Purchased Generation CO2e Emissions (MT)	6,190,403
5.2.2.2	Total Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.4608
	* includes adjustments for Renewable Energy Credit sales and transfers	
5.3	**Owned Generation + Purchased Power***	
5.3.1	Carbon Dioxide (CO2)	
5.3.1.1	Total Owned + Purchased Generation CO2 Emissions (MT)	20,445,331
5.3.1.2	Total Owned + Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.6688
5.3.2	Carbon Dioxide Equivalent (CO2e)	
5.3.2.1	Total Owned + Purchased Generation CO2e Emissions (MT)	20,562,281
5.3.2.2	Total Owned + Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.6727
	* includes adjustments for Renewable Energy Credit sales and transfers	
5.4	**Non-Generation CO2e Emissions**	
5.4.1	Fugitive CO2e emissions of sulfur hexafluoride (MT) (5)	Below EPA reporting Thresholds
5.4.2	Fugitive CO2e emissions from natural gas distribution (MT) (6)	40,665
6	**Nitrogen Oxide (NOx), Sulfur Dioxide (SO2), Mercury (Hg)**	
6.1	Generation basis for calculation (7)	Fossil
6.2	**Nitrogen Oxide (NOx)**	
6.2.1	Total NOx Emissions (MT)	7,405
6.2.2	Total NOx Emissions Intensity (MT/Net MWh)	0.00048
6.3	**Sulfur Dioxide (SO2)**	
6.3.1	Total SO2 Emissions (MT)	12,492
6.3.2	Total SO2 Emissions Intensity (MT/Net MWh)	0.00080
6.4	**Mercury (Hg)**	
6.4.1	Total Hg Emissions (kg)	25.0
6.4.2	Total Hg Emissions Intensity (kg/Net MWh)	0.0000016

Notes

(1) Generation and emissions are adjusted for equity ownership share to reflect the percentage of output owned by reporting entity.
(2) CO2 and CO2e emissions intensity should be reported using total system generation (net MWh) based on GHG worksheet.
(3) As reported to EPA under the mandatory GHG Reporting Protocols (40 CFR Part 98, Subparts C and D).
(4) Purchased power emissions should be calculated using the most relevant and accurate of the following methods:
For direct purchases, such as PPAs, use the direct emissions data as reported to EPA.
For market purchases where emissions are unknown, use applicable regional or national emissions rate:
- ISO/RTO-level emission factors
- Climate Registry emission factors
- E-Grid emission factors
(5) As reported to EPA under the mandatory GHG Reporting Protocols (40 CFR Part 98, Subpart DD).
(6) As reported to EPA under the mandatory GHG Reporting Protocols (40 CFR Part 98, Subpart W).
(7) Indicate the generation basis for calculating SO2, NOx, and Hg emissions and intensity.
Fossil: Fossil Fuel Generation Only
Total: Total System Generation
Other: Other (please specify in comment section)

Total CO2e is calculated using the following global warming potentials from the IPCC Fourth Assessment Report:

CO2 = 1
CH4 = 25
N2O = 298

	Resources	
7	**Human Resources**	
7.1	Total Number of Employees	3,978
7.2	Total Number on Board of Directors/Trustees	10
7.3	Total Women on Board of Directors/Trustees	5
7.4	Total Minorities on Board of Directors/Trustees	2
7.5	Employee Safety Metrics	
7.5.1	Recordable Incident Rate	2.35
7.5.2	Lost-time Case Rate	0.57
7.5.3	Days Away, Restricted, and Transfer (DART) Rate	NA
7.5.4	Work-related Fatalities	0
8	**Fresh Water Resources**	
8.1	Water Withdrawals - Consumptive (Billions of Liters/Net MWh)	0.0000012
8.2	Water Withdrawals - Non-consumptive (Billions of Liters/Net MWh)	0.0000568
9	**Waste Products**	
9.1	Percent of Non-hazardous Municipal Solid Waste Diverted	67%
9.2	Percent of Coal Combustion Products Beneficially Used	54%