

W0. Introduction

W0.1

(W0.1) Give a general description of and introduction to your organization.

Alliant Energy Corporation (NASDAQ: LNT) is a Midwest U.S. energy company headquartered in Madison, Wisconsin, with annual operating revenues of more than \$3.4 billion. Our company is primarily engaged in electric generation and the distribution of electricity and natural gas. We serve approximately 975,000 electric and 420,000 natural gas customers through our two public utility subsidiaries, Interstate Power and Light (IPL) and Wisconsin Power and Light (WPL). IPL provides retail electric and gas service in Iowa, and sells electricity to wholesale customers in Minnesota, Illinois, and Iowa. WPL provides retail and wholesale electric and retail gas service in Wisconsin. Based on electric sales, the largest cities served in Iowa and Wisconsin are Cedar Rapids and Beloit, respectively.

FORWARD-LOOKING STATEMENTS: This report includes forward-looking statements. These statements can be identified because they include words such as “expect,” “may,” “believe,” “anticipate,” “intend,” “plan,” “project,” “will,” “projections,” “forecast,” “outlook,” “estimate,” “target,” “goal,” or other words or expressions of similar import. Similarly, statements that describe future plans or strategies, our clean energy vision, transitioning our energy resources, planned resource additions, and future emissions reductions are forward-looking statements. These forward-looking statements are subject to risks and uncertainties that could cause actual results to differ materially from those expressed in, or implied by, the statements. Actual results could be materially affected by the following factors, among others: regulatory approvals; unanticipated construction issues, delays or expenditures; failure of equipment and technology to perform as expected; political conditions in Alliant Energy’s service territories; changes to Alliant Energy’s access to capital markets; economic conditions in Alliant Energy’s service territory; and other risk factors discussed to Alliant Energy’s most recent Annual Report on Form 10-K filed with the U.S. Securities and Exchange Commission (“SEC”), including the section therein titled “Risk Factors,” and its other filings with the SEC. Alliant Energy undertakes no obligation to update publicly such forward-looking statements to reflect subsequent events or circumstances. These forward-looking statements are made as of July 28, 2021 and Alliant Energy disclaims any obligation to update these statements.

W-EU0.1a

(W-EU0.1a) Which activities in the electric utilities sector does your organization engage in?

Electricity generation
Distribution

W-EU0.1b

(W-EU0.1b) For your electricity generation activities, provide details of your nameplate capacity and the generation for each technology.

	Nameplate capacity (MW)	% of total nameplate capacity	Gross electricity generation (GWh)
Coal – hard	2284	27.9	7020.08
Lignite	0	0	0
Oil	90	1.1	0.74
Gas	3974	48.6	10440.4
Biomass	0	0	0
Waste (non-biomass)	0	0	0
Nuclear	0	0	0
Fossil-fuel plants fitted with carbon capture and storage	0	0	0
Geothermal	0	0	0
Hydropower	43	0.5	242.13
Wind	1782	21.8	4871.87
Solar	8	0.1	10.79
Marine	0	0	0
Other renewable	0	0	0
Other non-renewable	0	0	0
Total	8181	100	22586.02

W0.2

(W0.2) State the start and end date of the year for which you are reporting data.

	Start date	End date
Reporting year	January 1 2020	December 31 2020

W0.3

(W0.3) Select the countries/areas for which you will be supplying data.

United States of America

W0.4

(W0.4) Select the currency used for all financial information disclosed throughout your response.

USD

W0.5

(W0.5) Select the option that best describes the reporting boundary for companies, entities, or groups for which water impacts on your business are being reported.

Companies, entities or groups in which an equity share is held

W0.6

(W0.6) Within this boundary, are there any geographies, facilities, water aspects, or other exclusions from your disclosure?

Yes

W0.6a

(W0.6a) Please report the exclusions.

Exclusion	Please explain
Non-regulated businesses	This report focuses on Alliant Energy's largest sources of water withdrawals, which are associated with our regulated fossil-fueled electric generation facilities that operate under National Pollutant Discharge Elimination System permits and comprise a majority of our water use plus supporting operational facilities. Therefore, information on water use from non-regulated businesses that do not directly support our regulated electric utility operations are not included in this report.
Natural Gas distribution	The operations associated with procuring and distributing natural gas to our customers uses little to no direct water resources. These operations include the use of potable water as a resource for hydrostatic testing and for excavation operations to construct lines. This negligible water use is not included in this report.

W1. Current state

W1.1

(W1.1) Rate the importance (current and future) of water quality and water quantity to the success of your business.

	Direct use importance rating	Indirect use importance rating	Please explain
Sufficient amounts of good quality freshwater available for use	Vital	Important	Sufficient amounts of quality freshwater are essential for the continued operation of our existing electric generation fleet, including all fossil steam-electric and hydroelectric sources, now and into the future. As Alliant Energy develops and deploys more renewable generating sources, water use and withdrawal are expected to decrease.
Sufficient amounts of recycled, brackish and/or produced water available for use	Important	Important	Our Emery Generating Station (EGS) utilizes effluent from the Clear Lake Sanitation District (CLSD). The recycled water received by EGS is used as cooling tower make-up water, which minimizes the use of a non-renewable groundwater source. Ultimately EGS sends the effluent back to CLSD for treatment and final discharge.

W1.2

(W1.2) Across all your operations, what proportion of the following water aspects are regularly measured and monitored?

	% of sites/facilities/operations	Please explain
Water withdrawals – total volumes	100%	Monitoring required by permit and/or regulation.
Water withdrawals – volumes by source	100%	Monitoring required by permit and/or regulation.
Entrained water associated with your metals & mining sector activities - total volumes [only metals and mining sector]	<Not Applicable>	<Not Applicable>
Produced water associated with your oil & gas sector activities - total volumes [only oil and gas sector]	<Not Applicable>	<Not Applicable>
Water withdrawals quality	100%	Monitoring required by permit and/or regulation.
Water discharges – total volumes	100%	Monitoring required by permit and/or regulation at each fossil-fueled facility. Reported to state-agencies on a monthly basis.
Water discharges – volumes by destination	100%	Monitoring required by permit and/or regulation at each fossil-fueled facility. Reported to state-agencies on a monthly basis.
Water discharges – volumes by treatment method	100%	Monitoring required by permit and/or regulation at each fossil-fueled facility. Reported to state-agencies on a monthly basis.
Water discharge quality – by standard effluent parameters	100%	Monitoring required by permit and/or regulation at each fossil-fueled facility. Reported to state-agencies on a monthly basis.
Water discharge quality – temperature	100%	Monitoring required by permit and/or regulation at each fossil-fueled facility. Reported to state-agencies on a monthly basis.
Water consumption – total volume	100%	Consumption is not required, but is calculated as a function of Alliant Energy's annual Corporate Responsibility Report by using withdrawal minus discharge.
Water recycled/reused	26-50	Water recycled/reused is tracked at approximately 50% of our fossil-fueled generating facilities through cooling tower cycling and specifically at our Emery Generating station, which utilizes effluent from the Clear Lake Sanitation District (CLSD) as cooling tower make-up water.
The provision of fully-functioning, safely managed WASH services to all workers	100%	Fully-functioning WASH services are provided for workers at all sites and facilities. Sources include groundwater wells and municipal supply.

W-EU1.2a

(W-EU1.2a) For your hydropower operations, what proportion of the following water aspects are regularly measured and monitored?

	% of sites/facilities/operations measured and monitored	Please explain
Fulfillment of downstream environmental flows	100%	We have two hydro facilities in Wisconsin: one that is Federal Energy Regulatory Commission (FERC) licensed (Prairie du Sac) and one that is WDNR regulated (Kilbourn). Per operating permit requirements, we monitor downstream flows 100% of the time. We also post it on our website and push new data every hour for the public. https://www.alliantenergy.com/OurEnergyVision/AdvancingCleanEnergy/HydroEnergy/HydroFlowRateData
Sediment loading	Not monitored	We have not monitored sediment loading, however sediment load may be required as part of a future FERC license renewal application.
Other, please specify	100%	We had a dissolved oxygen monitoring requirement in our original license requirements for Prairie du Sac but it was fulfilled years ago. We have environmental plans that require inspections and monitoring of oil filled equipment. As part of our routine equipment monitoring program, we check for oil leaks and other maintenance issues that could cause any environmental harm downstream. Some areas are also equipped with oil sensing monitors.

W1.2b

(W1.2b) What are the total volumes of water withdrawn, discharged, and consumed across all your operations, and how do these volumes compare to the previous reporting year?

	Volume (megaliters/year)	Comparison with previous reporting year	Please explain
Total withdrawals	590984.36	Much lower	Although this is Alliant Energy's first CDP Water Report, we are able to verify comparison with previous year's withdrawal data. 2020 total withdrawals were down 8.6% as compared to 2019 total withdrawals. The 2019 volume was 646,379.5 megaliters.
Total discharges	541482.6	Much lower	Although this is Alliant Energy's first CDP Water Report, we are able to verify comparison with previous year's discharge data required per our National Pollutant Discharge Elimination System (NPDES) permitting. 2020 total discharges were down 11.5% as compared to 2019 total discharges. The 2019 volume was 612,086.7 megaliters.
Total consumption	21365.65	About the same	Total consumption is an aggregated company-wide calculation based off of withdrawal minus discharge.

W1.2d

(W1.2d) Indicate whether water is withdrawn from areas with water stress and provide the proportion.

	Withdrawals are from areas with water stress	% withdrawn from areas with water stress	Comparison with previous reporting year	Identification tool	Please explain
Row 1	No	<Not Applicable >	<Not Applicable>	WRI Aqueduct	Alliant Energy utilizes various technical resources to assess the status of water conditions surrounding our thermal generation plants. This includes application of the WRI Aqueduct tool to monitor potential current and future areas of water stress. In addition, water resource data collected by state and Federal regulatory agencies is consulted to assess actual conditions versus modeled results from the Aqueduct tool. This information is considered to provide an overall picture of water conditions that could affect our electric generation options and to support future planning.

W1.2h

(W1.2h) Provide total water withdrawal data by source.

	Relevance	Volume (megaliters/year)	Comparison with previous reporting year	Please explain
Fresh surface water, including rainwater, water from wetlands, rivers, and lakes	Relevant	582821.8	Lower	Although this is Alliant Energy's first CDP Water Report, we are able to verify by comparison with previous year's withdrawal data. 2020 fresh water withdrawals were down 8.38% as compared to 2019 fresh water withdrawals.
Brackish surface water/Seawater	Not relevant	<Not Applicable>	<Not Applicable>	Alliant Energy does not have facilities located near brackish surface water or Seawater.
Groundwater – renewable	Not relevant	<Not Applicable>	<Not Applicable>	Alliant Energy does not withdraw water from renewable groundwater sources as defined by this report.
Groundwater – non-renewable	Relevant	8000.51	About the same	Although this is Alliant Energy's first CDP Water Report, we are able to verify comparison with previous year's withdrawal data. In addition, Alliant Energy facilities withdrawing from these sources did not experience much change from 2019 operations.
Produced/Entrained water	Not relevant	<Not Applicable>	<Not Applicable>	Alliant Energy does not withdraw from or otherwise create water that falls into this category.
Third party sources	Relevant	3541.06	About the same	Although this is Alliant Energy's first CDP Water Report, we are able to verify comparison with previous year's withdrawal data. In addition, Alliant Energy facilities withdrawing from these sources did not experience much change from 2019 operations.

W1.2i

(W1.2i) Provide total water discharge data by destination.

	Relevance	Volume (megaliters/year)	Comparison with previous reporting year	Please explain
Fresh surface water	Relevant	539255.53	Much lower	Although this is Alliant Energy's first CDP Water Report, we are able to verify comparison with previous year's discharge data required per our NPDES permitting.
Brackish surface water/seawater	Not relevant	<Not Applicable>	<Not Applicable>	Alliant Energy does not have facilities located near brackish surface water or Seawater and does not discharge into such sources.
Groundwater	Not relevant	<Not Applicable>	<Not Applicable>	Alliant Energy does not discharge into groundwater.
Third-party destinations	Relevant	2227.07	About the same	Although this is Alliant Energy's first CDP Water Report, we are able to verify comparison with previous year's discharge data required per our NPDES permitting.

W1.2j

(W1.2j) Within your direct operations, indicate the highest level(s) to which you treat your discharge.

	Relevance of treatment level to discharge	Volume (megaliters/year)	Comparison of treated volume with previous reporting year	% of your sites/facilities/operations this volume applies to	Please explain
Tertiary treatment	Relevant	727.78	About the same	Less than 1%	Alliant Energy uses granular media filtration at its Riverside Energy Center. After going through an oil-water separator, the waste water is passed through a sand filter prior to final discharge.
Secondary treatment	Relevant	538527.75	Much lower	91-99	Alliant Energy utilizes primary and secondary treatment at all of its fossil-fueled electric generating facilities. Treatment includes settling ponds, coagulants and/or chemical treatment. All discharges are monitored per state-issued NPDES permits.
Primary treatment only	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	Alliant Energy uses primary treatment in conjunction with secondary treatment methods at all of its fossil-fueled generating facilities and has chosen to combine these data into the Secondary Treatment row of this report.
Discharge to the natural environment without treatment	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	Alliant Energy does not discharge to the natural environment without treatment
Discharge to a third party without treatment	Relevant	2227.07	About the same	Less than 1%	All Alliant Energy discharges are monitored as requirement of state-issued NPDES discharge permits
Other	Not relevant	<Not Applicable>	<Not Applicable>	<Not Applicable>	Alliant Energy does not discharge to "other" sources.

W-EU1.3

(W-EU1.3) Do you calculate water intensity for your electricity generation activities?

Yes

W-EU1.3a

(W-EU1.3a) Provide the following intensity information associated with your electricity generation activities.

Water intensity value (m3)	Numerator: water aspect	Denominator	Comparison with previous reporting year	Please explain
1.1	Freshwater consumption	MWh	Lower	Intensity is based on equity-share of water consumed (numerator) divided by total owned generation as reported in our Form 10K to the Securities and Exchange Commission (SEC). The decrease in water intensity can be attributed to decreased dispatching and retirement of fossil-fueled units that use water for cooling purposes in the production of electricity.

W1.4

(W1.4) Do you engage with your value chain on water-related issues?

Yes, our customers or other value chain partners

W1.4c

(W1.4c) What is your organization's rationale and strategy for prioritizing engagements with customers or other partners in its value chain?

Alliant Energy's Emery Generating Station utilizes effluent from the Clear Lake Sanitation District (CLSD) as cooling tower make-up water. This water is important because it offsets the need to use additional non-renewable groundwater. Alliant Energy and CLSD have a contract agreement for the effluent coming into and being discharged from the Emery facility. We engage with CLSD frequently to ensure water quality requirements within contract, and general terms of the contract, are being met.

W2. Business impacts

W2.1

(W2.1) Has your organization experienced any detrimental water-related impacts?

No

W2.2

(W2.2) In the reporting year, was your organization subject to any fines, enforcement orders, and/or other penalties for water-related regulatory violations?

No

W3. Procedures

W-EU3.1

(W-EU3.1) How does your organization identify and classify potential water pollutants associated with your business activities in the electric utilities sector that could have a detrimental impact on water ecosystems or human health?

Alliant Energy utilizes a team of environmental specialists to monitor federal, state, and local rules that regulate the discharge of water pollutants. The team identifies and classifies potential water pollutants based on environmental regulatory requirements and the compliance strategies associated with the requirements.

Specific water pollutants of concern are derived from the Clean Water Act (CWA), primarily the CWA's Water Quality Standards (WQS), but also specific regulations such as the Section 316(a) Thermal Discharge, Section 316(b) Cooling Water Intake Structures and the Steam Electric Effluent Limitations Guidelines (ELGs). All of these regulations are incorporated into facility-specific National Pollutant Discharge Elimination System (NPDES) operating permits, which aim to protect and maintain the chemical, physical, and biological integrity of waters of the United States. In addition to the rules under the CWA, the coal combustion residuals (CCR) rule under the Resource Conservation and Recovery Act (RCRA) is incorporated into Alliant Energy's water and ash planning program.

Alliant Energy conducts all required studies for its NPDES permits and permit renewals. The results of the studies are discussed with State NPDES permitting authorities and drive permit limit changes.

Dedicated on-site staff at the generating facilities ensure maintenance of day to day compliance with NPDES permit limits. Routine samples are collected and evaluated and any non-compliance is immediately reported to minimize any detrimental impacts on water ecosystem and/or to human health.

W-EU3.1a

(W-EU3.1a) Describe how your organization minimizes the adverse impacts of potential water pollutants associated with your activities in the electric utilities sector on water ecosystems or human health.

Potential water pollutant	Description of water pollutant and potential impacts	Management procedures	Please explain
Thermal pollution	Thermal pollution can be detrimental to aquatic life in the receiving waterbody and/or the water ecosystem.	Compliance with effluent quality standards Measures to prevent spillage, leaching, and leakages	Thermal discharge limits are included in Alliant Energy's NPDES permits. Alliant Energy utilizes cooling towers as a control technology at over 50% of its fossil fueled electric generating stations. Overall site design for Alliant Energy's thermal discharge is engineered to provide adequate blending prior to discharge and all thermal discharges are monitored to ensure permit limits are achieved.
Coal combustion residuals	Coal Combustion Residuals (CCR) are defined as fly ash, bottom ash, boiler slag, and flue gas desulfurization materials which are generated from burning coal to make electricity. CCRs are regulated as non-hazardous solid waste under the Resource Conservation and Recovery Act, but still pose a threat to water resources and human health if managed improperly.	Measures to prevent spillage, leaching, and leakages Community/stakeholder engagement Emergency preparedness	CCRs are diligently managed at Alliant Energy's coal-fired electric generating facilities. Fly Ash is handled dry and is managed for beneficial reuse as cement replacement in concrete. Bottom Ash is handled dry or managed in on-site waste treatment system ponds. Alliant Energy is currently closing all CCR ponds and will manage all CCR produced in the future with dry systems. In 2020, Alliant Energy updated and announced its plans to eliminate all coal as a fuel source by 2040.
Hydrocarbons	Hydrocarbons are toxic and can have adverse effects on water ecosystems and human health.	Compliance with effluent quality standards Measures to prevent spillage, leaching, and leakages Emergency preparedness	Alliant Energy complies with the oil and grease limits of its NPDES permits and maintains Spill Prevention Control and Countermeasures (SPCC) plans at all facilities with 1320 gallons or more of above ground storage of petroleum products. Our SPCC plans include emergency response procedures and are typically shared with local emergency planners.

W3.3

(W3.3) Does your organization undertake a water-related risk assessment?

Yes, water-related risks are assessed

W3.3a

(W3.3a) Select the options that best describe your procedures for identifying and assessing water-related risks.

Direct operations

Coverage

Full

Risk assessment procedure

Water risks are assessed as part of an enterprise risk management framework

Frequency of assessment

Annually

How far into the future are risks considered?

More than 6 years

Type of tools and methods used

Tools on the market
Enterprise Risk Management
Databases
Other

Tools and methods used

WRI Aqueduct

Comment

Alliant Energy utilizes various internal teams and tools and databases to manage its water risks and planning efforts. In 2016 Alliant Energy established an internal water and ash team to plan and execute its long-term compliance strategy for the Coal Combustion Residuals (CCR), Effluent Limitations Guidelines (ELG), and 316(a) & 316(b) rules. A team of corporate environmental specialists meet at least monthly to discuss emerging issues and evaluate on-going compliance. Necessary information from these meetings is shared with the Water and Ash team to assist their on-going planning efforts and strategy execution.

Supply chain

Coverage

Partial

Risk assessment procedure

Water risks are assessed in an environmental risk assessment

Frequency of assessment

More than once a year

How far into the future are risks considered?

3 to 6 years

Type of tools and methods used

Tools on the market
Databases
Other

Tools and methods used

WRI Aqueduct

Comment

Alliant Energy conducts an environmental review and approval of any supply chain contract that proposes work in and around water resources or has the ability to generate or spill chemicals which may impact its NPDES permits.

Other stages of the value chain

Coverage

None

Risk assessment procedure

<Not Applicable>

Frequency of assessment

<Not Applicable>

How far into the future are risks considered?

<Not Applicable>

Type of tools and methods used

<Not Applicable>

Tools and methods used

<Not Applicable>

Comment

Water risks are not assessed in other stages of our value chain

W3.3b

(W3.3b) Which of the following contextual issues are considered in your organization's water-related risk assessments?

	Relevance & inclusion	Please explain
Water availability at a basin/catchment level	Relevant, always included	Alliant Energy operations are located in the upper Midwest. Although the region has a history of water abundance, Alliant Energy still works to use water resources responsibly and as sustainable as possible. Routine basin monitoring is conducted collaboratively and made publicly available by our State-Agencies. These monthly reports supplement site-specific monitoring conducted at our generating facilities to aide planning efforts.
Water quality at a basin/catchment level	Relevant, always included	Water quality monitoring is a requirement of our operating permits. We evaluate water quality to ensure compliance and to maintain our equipment. Our operational costs fluctuate in response to our source water's quality.
Stakeholder conflicts concerning water resources at a basin/catchment level	Relevant, always included	Alliant Energy routinely engages in water-related stakeholder discussions. Our NPDES permits are published for public comment and we thoroughly evaluate and respond to all comments. In addition, Alliant Energy actively participates in State and Federal water stakeholder groups in an effort to stay informed and updated on emerging water issues, policies, legislation or regulations.
Implications of water on your key commodities/raw materials	Relevant, sometimes included	As Alliant Energy transitions to more renewable generation sources, the implications of water on our key commodities subsides.
Water-related regulatory frameworks	Relevant, always included	Alliant Energy thoroughly evaluates all water regulations for impacts to its operations. This effort ensures compliance and minimizes risk.
Status of ecosystems and habitats	Relevant, always included	Alliant Energy has dedicated programs to support ecosystems and habitats. We plant pollinator habitat at most of our solar sites and provide a tree planting program for our communities and customers.
Access to fully-functioning, safely managed WASH services for all employees	Relevant, always included	Access to safe potable water is a requirement. All Alliant Energy facilities provide safe WASH services for personnel to use for sanitation and hygiene.
Other contextual issues, please specify	Not considered	No other contextual issues are considered at this time

W3.3c

(W3.3c) Which of the following stakeholders are considered in your organization's water-related risk assessments?

	Relevance & inclusion	Please explain
Customers	Relevant, always included	Customers are the central focus of Alliant Energy's core values. Customer affordability is a key component of Alliant Energy's decision-making process. Our customers are always included in water-related risk assessments.
Employees	Relevant, always included	Employee safety and well-being is another core value. Employees are always included in water-related risk assessments.
Investors	Relevant, always included	Alliant Energy is an investor-owned utility, and we consider our investors in our water related risk assessments because they are a key stakeholder in our business operations. The investment community's interest in environmental and sustainable practices continues to increase. As a result, Alliant Energy has published specific environmental and sustainability reports, such as our Corporate Responsibility Report, to demonstrate our commitments, while remaining transparent. This report is available at: http://alliantenergy.com/responsibility
Local communities	Relevant, always included	Our local communities are an integral consideration in our water-related risk assessments and overall planning. Alliant Energy routinely meets in public forums with its local communities to solicit input and feedback on planning efforts.
NGOs	Relevant, always included	Alliant Energy considers NGO positions when undertaking environmental risk assessments. NGO routinely participate in public comment opportunities afforded during NDPEs renewals. Alliant Energy thoroughly evaluates and responds to all comments.
Other water users at a basin/catchment level	Relevant, always included	Other water users at a basin/catchment level are considered when appropriate or warranted. In order to evaluate holistic impacts all users must be considered.
Regulators	Relevant, always included	Alliant Energy works closely with its regulators when assessing water-related risks. We maintain compliance with all water permits and work in collaboration on regulatory changes.
River basin management authorities	Relevant, sometimes included	Alliant Energy works with River basin management authorities on the Missouri River and Upper Mississippi River on an as-needed basis. Historically this has been limited to annual spring thawing and ice-flows and specific extreme flooding scenarios.
Statutory special interest groups at a local level	Relevant, sometimes included	Local statutory special interest groups are considered when appropriate or warranted. In order to evaluate holistic impacts all users must be considered.
Suppliers	Relevant, always included	Alliant Energy has many suppliers. We have established procedures, which includes environmental factors, for evaluating suppliers. Alliant Energy conducts an environmental review and approval of any supply chain contract that proposes work in and around water resources or has the ability to impact a facility's NPDES permits. Our standard contracts include language that requires suppliers to comply with all applicable environmental regulations.
Water utilities at a local level	Relevant, always included	Our local water utilities are our partners in many water related risk assessments and overall water management strategies. Their ability to provide clean potable water for our facilities is essential. Our ability to discharge to Publicly Owned Treatment Works (POTWs) is also essential.
Other stakeholder, please specify	Not considered	No other stakeholders are identified or considered at this time.

W3.3d

(W3.3d) Describe your organization's process for identifying, assessing, and responding to water-related risks within your direct operations and other stages of your value chain.

Alliant Energy's process is largely driven by regulatory change at the Federal and State level. We utilize many partners (trade groups, stakeholder groups, listservs, etc.) to stay informed on regulatory change. We evaluate all water-related issues regularly as part of our overall business strategy and long-term financial planning. All proposed water-related regulatory updates are evaluated for direct impacts, timing and associated expenditures. Alliant Energy has environmental and legal staff who monitor regulatory changes and identify business risks and opportunities, which are then regularly reported to multiple teams throughout the organization including our Water and Ash team. Our Water and Ash team coordinates with internal and external subject matter experts to plan and execute our water and ash strategy. They work with consultants and teams at our generating facilities to complete required or necessary construction projects.

Certain members of the water and ash team inform the Board and company leadership of specific issues and projects required for compliance. In addition, Alliant Energy discloses its water-related risks and associated compliance plans through several publicly available reports to ensure Company transparency for our customers, communities and shareholders. For example, "material" issues are publicly reported through Form 10-K and other SEC filings.

W4. Risks and opportunities

W4.1

(W4.1) Have you identified any inherent water-related risks with the potential to have a substantive financial or strategic impact on your business?

No

W4.1a

(W4.1a) How does your organization define substantive financial or strategic impact on your business?

Alliant Energy defines substantive financial or strategic impact on its business aligned with the final rules of the U.S. Securities and Exchange Commission (SEC). These results are described in the Management Discussion and Analysis (MD&A) section the company's annual Form 10-K and other periodic public filings to the SEC. The MD&A provides an overview of the company's strategy as well as qualitative discussion and quantitative results on the company's performance relative to implementation of the strategy. Primary indicators of financial results indicators include net income and earnings per share. Additional quantitative indicators include capital investments expanding company-owned renewable generation as well as investments in supporting resources and modernizing infrastructure that will enable maximizing its operation on the electricity grid. In addition, updates and progress on Alliant Energy's voluntary environmental-related goals including its Clean Energy Vision water reduction goals are periodically disclosed in the MD&A section of its SEC filings.

W4.2b

(W4.2b) Why does your organization not consider itself exposed to water risks in its direct operations with the potential to have a substantive financial or strategic impact?

	Primary reason	Please explain
Row 1	Risks exist, but no substantive impact anticipated	Alliant Energy is fortunate to operate in a region with abundant water. Although seasonal fluctuations and extreme events can and have occurred, we have plans in place to address those issues, which ensure continued operation. More importantly Alliant Energy continues to transition its electric generation fleet by retiring its most water intensive coal units and constructing more renewable sources (Wind and Solar). By 2030, this strategic plan is estimated to result in at least a 75% water reduction in water supply across our fossil fuel generation fleet from 2005 levels.

W4.2c

(W4.2c) Why does your organization not consider itself exposed to water risks in its value chain (beyond direct operations) with the potential to have a substantive financial or strategic impact?

	Primary reason	Please explain
Row 1	Risks exist, but no substantive impact anticipated	Alliant Energy utilizes coal as a fuel source. As a result, Alliant Energy has identified inherent water-related risks to commercial shipping and rail deliveries, (flooding and drought), mostly flooding, but cannot predict with any certainty that these events will have a substantive financial or strategic impact. We have plans in place, which build redundancy, to address these issues, should they arise. These plans are based off of past experience, working through such issues. As Alliant Energy continues to transform its electric generating fleet from coal and fossil-fuel sources to more renewable sources, its exposure to the inherent water-related risks associated with coal transportation is expected to decrease. In addition, our electric utility subsidiaries, Interstate Power and Light (IPL) and Wisconsin Power and Light (WPL), are market participants in the Midcontinent Independent System Operator, Inc. (MISO) Regional Transmission Organization. Through technical analysis, MISO establishes requirements for the long-term efficiency and reliability of the electrical system. Adequate generation supply, including a reserve margin, is a key component to planning a reliable electric network, and we are obligated to satisfy those supply requirements. By participating in MISO's wholesale electricity markets, we provide customers in our service territory with reliable and cost-effective power.

W4.3

(W4.3) Have you identified any water-related opportunities with the potential to have a substantive financial or strategic impact on your business?

Yes, we have identified opportunities, and some/all are being realized

W4.3a

(W4.3a) Provide details of opportunities currently being realized that could have a substantive financial or strategic impact on your business.

Type of opportunity

Resilience

Primary water-related opportunity

Increased resilience to impacts of climate change

Company-specific description & strategy to realize opportunity

In an effort to support pollinators, Alliant Energy is planting pollinator habitat at most of its solar development sites and new substation construction sites. This fits into our company's core value of Act for Tomorrow. Once they're established, the native grasses and forbs within the seed mix will promote water infiltration, add diversity to the habitat and will serve as food and reproductive space for pollinators. Future benefits outside of pollinators include minimized stormwater run-off and drought resistance. We anticipate an overall maintenance savings once the plantings are established, too.

Estimated timeframe for realization

1 to 3 years

Magnitude of potential financial impact

Low

Are you able to provide a potential financial impact figure?

Yes, an estimated range

Potential financial impact figure (currency)

<Not Applicable>

Potential financial impact figure – minimum (currency)

1000

Potential financial impact figure – maximum (currency)

25000

Explanation of financial impact

Project installation costs are project specific and based on size, local ecological needs and seed type. Maintenance costs associated with initial establishment timeline are also site-specific. Long-term maintenance offsets, reduced mowing, can be estimated but vary by location.

Type of opportunity

Efficiency

Primary water-related opportunity

Improved water efficiency in operations

Company-specific description & strategy to realize opportunity

During the dry-ash handling conversion project, our Water and Ash team identified an efficiency at our Ottumwa Generating Station (OGS). OGS is closing the existing Zero Liquid Discharge (ZLD) Pond. The ZLD will be closed by the removal of CCR and the pond will be lined and repurposed into a new Low Volume Wastewater Treatment Pond (LVWTP). The LVWTP will receive most of the plant's wastewater streams and include a new outfall to the Des Moines River. The LVWTP will have pumps that recycle water back to the plant for use in the AQCS and Pyrites Handling System. The efficient water reuse of the LVWTP project in conjunction with the dry-ash handling system will help curtail the amount of water withdrawn from the Des Moines River for use at OGS.

Estimated timeframe for realization

1 to 3 years

Magnitude of potential financial impact

Medium-high

Are you able to provide a potential financial impact figure?

Yes, a single figure estimate

Potential financial impact figure (currency)

36000000

Potential financial impact figure – minimum (currency)

<Not Applicable>

Potential financial impact figure – maximum (currency)

<Not Applicable>

Explanation of financial impact

The pond closure project is driven by the CCR Rule is approximately \$6 Million. The Low Volume Wastewater Treatment Pond is part of a broader waste water treatment project which supports OGS's future water treatment needs and compliance. The broader waste water treatment project is estimated at \$30 Million and is anticipated to go online in late 2022 or early 2023. The dry-ash handling project was completed in 2020 and is in-service, therefore those project costs are not included in the Potential financial impact figure.

W6. Governance

W6.1

(W6.1) Does your organization have a water policy?

Yes, we have a documented water policy that is publicly available

W6.1a

(W6.1a) Select the options that best describe the scope and content of your water policy.

	Scope	Content	Please explain
Row 1	Company-wide	<p>Company water targets and goals</p> <p>Commitment to align with public policy initiatives, such as the SDGs</p> <p>Commitments beyond regulatory compliance</p> <p>Commitment to water-related innovation</p> <p>Commitment to stakeholder awareness and education</p> <p>Commitment to water stewardship and/or collective action</p> <p>Recognition of environmental linkages, for example, due to climate change</p> <p>Other, please specify (Alliant Energy's Environmental Commitment Statement provides the guiding principles for employees to demonstrate our Value to Act for tomorrow including water use.)</p>	<p>Alliant Energy's Environmental Commitment Statement is in our Corporate Responsibility Report including our water reduction goals and alignment with the SDGs. This can be accessed at: https://www.alliantenergy.com/responsibility/</p>

W6.2

(W6.2) Is there board level oversight of water-related issues within your organization?

Yes

W6.2a

(W6.2a) Identify the position(s) (do not include any names) of the individual(s) on the board with responsibility for water-related issues.

Position of individual	Please explain
Director on board	The Operations Committee reviews and oversees environmental and safety issues. The Operations Committee reports up to the full Board of Directors. Any strategic projects recommended by the Operations Committee require approval by the full Board of Directors. This includes strategic projects, such as capital investments for environmental compliance as well as expansion of renewable generation including wind and solar projects. This committee consists solely of independent directors.
Chief Executive Officer (CEO)	Alliant Energy's Chief Executive Officer (CEO), along with other company executives, have overarching responsibility for company strategy, compliance and operations, including water-related issues.

W6.2b

(W6.2b) Provide further details on the board's oversight of water-related issues.

	Frequency that water-related issues are a scheduled agenda item	Governance mechanisms into which water-related issues are integrated	Please explain
Row 1	Scheduled - some meetings	<p>Monitoring implementation and performance</p> <p>Overseeing major capital expenditures</p> <p>Reviewing and guiding risk management policies</p> <p>Reviewing and guiding strategy</p> <p>Reviewing and guiding corporate responsibility strategy</p> <p>Setting performance objectives</p>	<p>Oversight of water management activities is providing through various Board committees. Board of Directors • Responsible for overseeing our vision and mission, strategic plan and overall corporate risk profile – including the impact water risks and environmental policy have on these matters. • Consists of experienced and diverse members. • Consists of independent directors other than the Chief Executive Officer. Nominating and Governance Committee of the Board of Directors • Responsible for overseeing Environmental, Social and Governance (ESG) issues. • Reviews and approves the Corporate Responsibility Report including progress on water reduction goals • Consists solely of independent directors. Compensation and Personnel Committee of the Board of Directors • Reviews and approves ESG performance metrics as part of executive compensation oversight. • Oversight of issues related to our workforce environment. • Consists solely of independent directors. Operations Committee of the Board of Directors • Oversees climate change including water-related risks. • Reviews and oversees environmental and safety issues. • Consists solely of independent directors.</p>

W6.3

(W6.3) Provide the highest management-level position(s) or committee(s) with responsibility for water-related issues (do not include the names of individuals).

Name of the position(s) and/or committee(s)

Other C-Suite Officer, please specify (Executive Vice President, General Counsel & Corporate Secretary)

Responsibility

Both assessing and managing water-related risks and opportunities

Frequency of reporting to the board on water-related issues

As important matters arise

Please explain

The Environmental Services and Corporate Sustainability Director reports to the Executive Vice President, General Counsel & Corporate Secretary who reports to the CEO Executive Vice President, General Counsel & Corporate Secretary: responsible for Legal, Compliance, Regulatory, Public Affairs and Community Affairs, Corporate Secretary, Real Estate Right of Way and Strategic Planning

Name of the position(s) and/or committee(s)

Other, please specify (Director of Environmental Services and Corporate Sustainability)

Responsibility

Both assessing and managing water-related risks and opportunities

Frequency of reporting to the board on water-related issues

Quarterly

Please explain

Director of Environmental Services and Corporate Sustainability responsibility: Establishes and leads an aligned environmental and sustainability strategy, operational plans and budgets to meet corporate environmental and corporate sustainability objectives. This includes updating and tracking water reduction goals. Water-related issues are primarily monitored through our Environmental Services and Corporate Sustainability department and also Public Affairs including potential policies, regulation and legislation. In addition, other departments also monitor water-related issues as these may affect routine operations or business planning - for example, evolving technology trends or supporting customer requests through innovative energy solutions.

W6.4

(W6.4) Do you provide incentives to C-suite employees or board members for the management of water-related issues?

	Provide incentives for management of water-related issues	Comment
Row 1	Yes	

W6.4a

(W6.4a) What incentives are provided to C-suite employees or board members for the management of water-related issues (do not include the names of individuals)?

	Role(s) entitled to incentive	Performance indicator	Please explain
Monetary reward	Other, please specify (All employees company-wide up to and including CEO and full Board of Directors)	Reduction of water withdrawals Other, please specify (Achievement of Alliant Energy's Clean Energy Vision through successful implementation of the company's strategic plan.)	Alliant Energy's compensation program is designed to promote our strategic plan. The Compensation and Personnel Committee of the Board of Directors approves performance compensation goals that include ESG metrics. This includes achievement of Alliant Energy's Clean Energy Vision through successful implementation of the company's strategic plan. Our Clean Energy Vision includes a goal to reduce our electric utility water supply by 75% from 2005 levels by 2030. This goal is directly linked to achievement of our carbon dioxide (CO2) reduction goals, because our fossil-fueled generation facilities are the primary sources of water use for our regulated electric utility operations. All employees are also assessed at the end of the calendar year for performance relative to their job responsibilities. Alliant Energy provides performance-based incentives for employees specifically related to development and execution of the company's strategic business plans that when implemented will provide for reduced water use, potentially including: retirement of coal-fired facilities; expansion of company-owned renewable energy; enabling customer-owned and community renewable programs; implementing integrated grid projects (ex., energy storage, digital technology initiatives) to support variable renewable resources; customer demand-side management and energy efficiency programs. Additional details in our Corporate Responsibility Report at: https://www.alliantenergy.com/responsibility/
Non-monetary reward	Please select	Please select	

W6.5

(W6.5) Do you engage in activities that could either directly or indirectly influence public policy on water through any of the following?

- Yes, direct engagement with policy makers
- Yes, trade associations
- Yes, funding research organizations

W6.5a

(W6.5a) What processes do you have in place to ensure that all of your direct and indirect activities seeking to influence policy are consistent with your water policy/water commitments?

Alliant Energy engages directly and indirectly with the U.S. Environmental Protection Agency, Iowa Department of Natural Resources (DNR) and Wisconsin DNR, Federal Energy Regulatory Commission (FERC), U.S. Fish and Wildlife Service, U.S. Army Corps of Engineers, and other agencies as needed. Our company also engages in water-related policy through trade associations including the Edison Electric Institute and Utility Solid Waste Activities Group as well as environmental coalitions such as the Baker Botts Cross-Cutting Issues Group. We fund research to independent, non-profit organizations such as the Electric Power Research Institute. Engagement and input to these groups is provided to ensure it is consistent with our company's Environmental Commitment and guided by our Core Value to **Act for tomorrow - We use resources wisely, care for the environment and continuously improve ourselves and our company.** In particular, input on trade association priorities and joint public comments is provided to ensure these submissions are technically sound, provide a balanced perspective and aligned with implementation of our sustainable energy plan and Clean Energy Vision which includes a water reduction goal.

W6.6

(W6.6) Did your organization include information about its response to water-related risks in its most recent mainstream financial report?

Yes (you may attach the report - this is optional)

Alliant Energy Sustainability Management and ESG Performance Summary.pdf

W7. Business strategy

W7.1

(W7.1) Are water-related issues integrated into any aspects of your long-term strategic business plan, and if so how?

	Are water-related issues integrated?	Long-term time horizon (years)	Please explain
Long-term business objectives	Yes, water-related issues are integrated	11-15	Alliant Energy has a long history of environmental stewardship focused on meeting customers' energy needs in an economical, efficient and sustainable manner. We proactively consider future environmental compliance requirements and proposed regulations in our planning, decision-making, construction and ongoing operations activities. In addition, our future environmental plans are guided by our voluntary water reduction goals. Adopting a long-term strategy prepares us to achieve environmental compliance requirements. It also provides flexibility to adjust our plans if needed. Alliant Energy continues to track progress on its existing 75% reduction goal for water withdrawals from its owned fossil-fueled electric generation. In 2020, we successfully achieved 66% reduction compared to 2005 levels, equating to a reduction in volume of over 300 billion gallons of water. To drive further progress, we expanded our water reduction goal to cover all of our electric utility operations including supporting facility operations. Our company's future efforts will continue to focus on implementing water conservation measures and continuing to add renewable resources to further reduce water use from our electric utility operations.
Strategy for achieving long-term objectives	Yes, water-related issues are integrated	11-15	In addition to environmental compliance and permitting, our company proactively considers water availability, quality, reduction and re-use when designing new projects or modifying existing facilities. Located in the Midwest, historically our operations have not been directly impacted by droughts or water scarcity issues. We also proactively protect our facilities in the event of increased precipitation by developing Flood Plans and working with local energy response planners. Examples: West Riverside Energy Center's wastewater treatment system design results in roughly 65% lower discharge volume and less pollutants to the Rock River. The facility also reuses stormwater by diverting roof drains for process make-up water, which should reduce groundwater use by approximately 70,000 gallons per year. Nearby areas that were previously used for agricultural row crops were converted to native prairie to reduce runoff. Our Emery Generating Station uses gray water as cooling tower make-up. In 2020, approximately 329 million gallons of gray water was used that otherwise would have come from another source (e.g., groundwater). Edgewater Generating Station has installed a dry bottom ash handling system on Unit 5 and retired Unit 3 and Unit 4 reducing withdrawals from Lake Michigan. New wind farm turbines are designed to be resilient to stronger storms including withstanding wind speeds up to 120 mph and lightning protection.
Financial planning	Yes, water-related issues are integrated	5-10	Long term financial plans consider projected costs of compliance with current and proposed water-related regulatory requirements. Projects impacting water are evaluated in the design stage and costs of water related impacts or issues are integrated into the long-term financial plan overall cost for the project.

W7.2

(W7.2) What is the trend in your organization's water-related capital expenditure (CAPEX) and operating expenditure (OPEX) for the reporting year, and the anticipated trend for the next reporting year?

Row 1

Water-related CAPEX (+/- % change)

-47

Anticipated forward trend for CAPEX (+/- % change)

32

Water-related OPEX (+/- % change)

-704

Anticipated forward trend for OPEX (+/- % change)

-169

Please explain

The expected increase in CAPEX spend is attributable to planned upgrades for wastewater treatment equipment to convert to dry ash handling and improve discharge water quality at coal-fueled electrical generating facilities in order to comply with regulations for the EPA's Coal Combustion Residuals (CCR) rule and Effluent Guidelines. Timing for completing these projects is driven by our outage schedules to install equipment and this must consider reliability of energy supply to our customers. Therefore, CAPEX will vary yearly until all wastewater systems have been completed. The OPEX is also expected to vary yearly and also is attributable to ash pond closures to comply with the EPA CCR rule. This OPEX trend is expected to continue due to planned future retirements of additional coal-fired facilities through 2024 including Lansing, Edgewater, and Columbia.

W7.3

(W7.3) Does your organization use climate-related scenario analysis to inform its business strategy?

	Use of climate-related scenario analysis	Comment
Row 1	Yes	Our use of climate-related scenario analysis is explained in our response to the CDP climate change questionnaire.

W7.3a

(W7.3a) Has your organization identified any water-related outcomes from your climate-related scenario analysis?

Yes

W7.3b

(W7.3b) What water-related outcomes were identified from the use of climate-related scenario analysis, and what was your organization’s response?

	Climate-related scenarios and models applied	Description of possible water-related outcomes	Company response to possible water-related outcomes
Row 1	Other, please specify (Our use of climate-related scenario analysis is explained in our response to the CDP climate change questionnaire.)	Further diversification of our energy portfolio through expansion of renewable resources that require minimal water use and retirement of coal generation facilities.	Alliant Energy’s Clean Energy Blueprint and sustainable energy plan guide our long-term transition to successfully provide for customers’ future energy needs. We are transitioning our energy to a cleaner mix, expanding cost-effective renewable resources and implementing alternative energy resources. We’re also investing in our electric and gas distribution infrastructure, making it stronger, smarter, and more adaptable to support evolving energy technologies. We have completed our plan to add 1,150 megawatts of wind production – expanding our owned and operated regulated wind capacity to nearly 1,800 megawatts. In addition, our company has initiated plans to add nearly 1,500 megawatts of solar in Iowa and Wisconsin by the end of 2023 plus 100 megawatts of energy storage in Iowa by the end of 2026. We expect that our energy mix portfolio will be over 50% renewable resources by 2030. We have retired over 1,100 megawatts of coal since 2005 and have announced plans to retire another 1,300 megawatts of coal by the end of 2024. Combined, these generation retirements represent a reduction of nearly 70% from our 2005 coal footprint based on nameplate capacity. Plans continue to be developed for phasing out of service remaining fossil-fueled electric generation units based on commercial availability of new technologies as well as customer affordability and energy reliability needs. https://poweringwhatsnext.alliantenergy.com/clean-energy/

W7.4

(W7.4) Does your company use an internal price on water?

Row 1

Does your company use an internal price on water?

No, and we do not anticipate doing so within the next two years

Please explain

The Company does not plan to use an internal price on water and will instead integrate water stewardship into our practices through our water reduction goals and implementation of sustainability programs.

W8. Targets

W8.1

(W8.1) Describe your approach to setting and monitoring water-related targets and/or goals.

	Levels for targets and/or goals	Monitoring at corporate level	Approach to setting and monitoring targets and/or goals
Row 1	Company-wide targets and goals	Targets are monitored at the corporate level Goals are monitored at the corporate level	Alliant Energy has set water reduction targets and goals as part of our strategy and sustainable energy plan to implement our Clean Energy Vision and Blueprint. These reductions are driven by our accelerated efforts to reduce reliance on fossil-fuels including retirement of coal-fired electric generation and expansion of renewable resources. Monitoring of our targets and goals is enabled through existing environmental compliance reporting, water billing records, and supporting data for these submittals. Reduction levels were developed based on best sector practice, water stewardship, risk mitigation, and regulatory compliance requirements. Solutions were determined through engineering evaluations for existing coal-fired generation as well as design plans for new generation or operational facilities. Progress towards implementing changes is also monitored through our Construction and Project Management department. Alliant Energy’s Environmental Services and Corporate Sustainability department works with generation and facilities to compile the overall results for each of our regulated electric utility subsidiaries (IPL and WPL).

W8.1a

(W8.1a) Provide details of your water targets that are monitored at the corporate level, and the progress made.

Target reference number

Target 1

Category of target

Water withdrawals

Level

Company-wide

Primary motivation

Water stewardship

Description of target

Alliant Energy's Clean Energy Vision includes a goal to reduce our electric utility water supply 75% from 2005 levels by 2030. Our Clean Energy Vision Goals - By 2030: • Reduce our fossil fuel generation carbon dioxide (CO2) emissions by 50% from 2005 levels • Reduce our electric utility water supply by 75% from 2005 levels • Electrify 100% of our company-owned light duty fleet vehicles • Donate more than one million trees to be planted in honor of each of our utility customers By 2040: • Eliminate all coal from our generation fleet By 2050: • Aspire to achieve net-zero CO2 emissions from the electricity we generate We will continue to review and update our Sustainable Energy Plan and Clean Energy Vision, based on future economic developments, evolving energy technologies and emerging trends in the communities we serve. Further details are in our Corporate Responsibility Report at: <https://www.alliantenergy.com/responsibility/> and <https://poweringwhatsnext.alliantenergy.com/>

Quantitative metric

% reduction in total water withdrawals

Baseline year

2005

Start year

2016

Target year

2030

% of target achieved

66

Please explain

Alliant Energy's Clean Energy Blueprint and sustainable energy plan guide our long-term transition to successfully provide for customers' future energy needs. We are transitioning our energy to a cleaner mix, expanding cost-effective renewable resources and implementing alternative energy resources. Alliant Energy continues to track progress on its existing 75% reduction goal for water withdrawals from its owned fossil-fueled electric generation. In 2020, we successfully achieved 66% reduction compared to 2005 levels, equating to a reduction in volume of over 300 billion gallons of water. To drive further progress, we expanded our water reduction goal to cover all of our electric utility operations including supporting facility operations. Our company's future efforts will continue to focus on implementing water conservation measures and continuing to add renewable resources to further reduce water use from our electric utility operations.

W8.1b

(W8.1b) Provide details of your water goal(s) that are monitored at the corporate level and the progress made.

Goal

Other, please specify (Water Stewardship - In conjunction with our water withdrawal reduction target, Alliant Energy is applying the Envision framework created by the Institute for Sustainable Infrastructure (ISI) to many of our new energy projects.)

Level

Site/facility

Motivation

Water stewardship

Description of goal

The Envision guidelines focus on five categories that integrate water stewardship: Quality of Life, Leadership, Resource Allocation, Natural World, and Climate and Resilience. Envision guides projects to reduce overall water use and seek alternatives to potable water sources, such as stormwater and greywater reuse. Water monitoring and studying is encouraged to find ways to improve the quality and quantity of community resources as well as highlighting the importance of hydrologic and nutrient cycles to support resilient ecosystems. Biodiversity considerations also include protecting surface water quality of local watersheds, improving withdrawal resilience strategies, and mitigating stormwater runoff. Examples of water-related actions our company has completed for this goal include assessing wetland and surface water, pesticide and fertilizer impacts, promoting species biodiversity, controlling invasive species and preserving soil health. Our recent new wind farms took proactive steps to avoid wetland impacts as well as manage excavation during construction to reduce erosion and stormwater impacts. We are also committing to plant native prairie grass near the Golden Plains Wind Farm in Iowa to create new habitat for pollinators and other animal species. Our highly efficient combined cycle natural gas generating facilities were designed with state-of-the-art engineering and use 99% less water than the generation they replaced. Both sites also have on-site prairies.

Baseline year

Start year

End year

Progress

We have successfully obtained formal Envision certification achieving the Platinum (highest) level of achievement at the following facilities: Marshalltown Generating Station (Marshalltown, Iowa) Platinum - April 2017 Dubuque Solar (Dubuque, Iowa) Platinum - April 2018 English Farms Wind Farm (Montezuma, Iowa) Platinum - June 2019 Upland Prairie Wind Farm (Everly, Iowa) Platinum - June 2019 West Riverside Energy Center (Beloit, Wisconsin) Platinum – March 2020 We have further applied these guidelines and best practices to development of our recent wind farm additions located in Iowa including: Whispering Willow North, Golden Plains, Richland and Kossuth. Alliant Energy is planning to apply the latest Envision guidelines to development of our utility-scale solar projects and expects to certify several of these sites. In addition, we will consider how to apply the broader framework to enhance the sustainability of future community-hosted and community-owned projects. Leveraging the insights gained from the Envision framework will enable our company to drive local engagement and collaborate with members outside of the project teams to build more sustainable energy infrastructure projects including enhancing availability and quality of nearby water resources.

W9. Verification

W9.1

(W9.1) Do you verify any other water information reported in your CDP disclosure (not already covered by W5.1a)?

No, we do not currently verify any other water information reported in our CDP disclosure

W10. Sign off

W-FI

(W-FI) Use this field to provide any additional information or context that you feel is relevant to your organization's response. Please note that this field is optional and is not scored.

W10.1

(W10.1) Provide details for the person that has signed off (approved) your CDP water response.

	Job title	Corresponding job category
Row 1	Michele Pluta, P.E.	Other, please specify (Contact information: MichelePluta@alliantenergy.com)

W10.2

(W10.2) Please indicate whether your organization agrees for CDP to transfer your publicly disclosed data on your impact and risk response strategies to the CEO Water Mandate's Water Action Hub [applies only to W2.1a (response to impacts), W4.2 and W4.2a (response to risks)].

Yes

Submit your response

In which language are you submitting your response?

English

Please confirm how your response should be handled by CDP

	I am submitting to	Public or Non-Public Submission
I am submitting my response	Investors	Public

Please confirm below

I have read and accept the applicable Terms