2022 Sustainability Report

FOCUS AREA

DISCLOSURE QUA

## TCFD INDEX

uanta's reporting on climate-related risks and opportunities is guided by the Task Force on Climate-related Financial Disclosures (TCFD). The TCFD recommends disclosures for corporate reporting, categorized by Governance, Strategy, Risk Management, and Metrics and Targets. This index references Quanta's reporting against the voluntary guidelines of the TCFD. We aim to update our analysis annually.

# DISCLOSURE QUANTA'S RESPONSE

GUVERNANGE		
Disclose the organization's	Describe the board's	Ethics & Integrity: Ensuring Responsible Governance, p. 114
governance around	oversight of climate-related	
climate-related risks and	risks and opportunities.	2023 Proxy Statement   Corporate Governance   The Board's Role in Risk Oversight
opportunities.	Describe management's	Building Momentum: Our Sustainability Strategy, p. 14
	role in assessing and	Ethics & late with Exercise Decoursely In Constrained and 44
	managing climate-related	Ethics & Integrity: Ensuring Responsible Governance, p. 114
	risks and opportunities.	2023 Proxy Statement   Corporate Governance   The Board's Role in Risk Oversight

#### STRATEGY

FOCUS AREA

0 OVEDNANOE

Disclose the actualDescribe the climate-relatedand potential impactsrisks and opportunities theof climate-relatedorganization has identifiedrisks and opportunitiesover the short, medium,on the organization'sand long term.businesses, strategy,and financial planning.

Quanta Services CDP Climate Response 2023

Physical Risks: Changes in climate have caused and are expected to continue to cause, among other things, increasing temperatures, rising sea levels, and changes to patterns and intensity of wildfires, hurricanes, floods, winter storms, other severe weather-related events, and natural disasters. Our operating results can be significantly influenced by both the climates in which we operate and by individual severe weather events, which have impacted and could continue to impact our operating results significantly. A greater amount of rainfall, snow, ice, or other less accommodating weather conditions, as well as an increase in severe weather events and natural disasters, reduces our productivity and causes delays and cancellations of our ongoing projects. For example, hurricanes and tropical storms in the U.S. Gulf Coast region have impacted our ability to perform industrial services operations during certain periods.

2022 Annual Report on Form 10-K | Part I, Item 1, Business, & Item 1A, Risk Factors

Physical risks associated with climate change have also increased hazards associated with certain of our operations, which in turn has increased the potential for liability and increased the costs associated with such operations. For example, severe drought and high wind speeds in the western United States, Australia, and other locations have significantly increased the risk of wildfires. This may expose us and other contractors to an increased risk of liability in connection with our operations in those locations, as these events can be started by the failure of electrical power and other infrastructure on which we have performed services. Given the potentially significant liabilities associated with these events, to the extent we are deemed liable for a wildfire event, it could have a material adverse impact on our business. Furthermore, these climate conditions have also resulted in increased costs for wildfire-related third-party insurance and reduced the amount insurance carriers are willing to make available to us under such policies.

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### QUANTA'S RESPONSE

cal Opportunities: An increase in certain of these physical events, such as hurricanes, al storms, wildfires, hurricanes, floods, winter storms, other severe weather-related s, and natural disasters, creates opportunities for us to perform a greater amount of gency restoration services and can increase customer spending on modernization, ardening, and other infrastructure improvements, such as fire hardening programs in rnia and the western United States and storm hardening in coastal regions. For example, et and 2022, strong hurricanes and other severe weather events resulted in emergency ation services revenues at or near record levels of emergency restoration services ues for us. Additionally, changes in climate could result in more accommodating weather ns for greater periods of time in certain areas, which may enable us to increase our ctivity in those areas.

ition Risks: The increasing focus on climate change has also impacted markets within inderground Utility and Infrastructure Solutions segment. Certain services within this ent have experienced challenges and could continue to experience challenges related ansition toward a carbon-neutral economy. For example, concerns about the impact tain large pipeline projects on the environment, among other things, have contributed inficant delays and cancellations of certain projects in recent years, and as a result, we decreased our focus on these service offerings. Furthermore, a longer-term decline mand for fossil fuels or refined products as a result of climate change concerns and ition could further negatively impact these projects or negatively impact demand for idstream and industrial services operations.

ition Opportunities: Climate change has also caused, and is expected to continue to a, changes in the markets in which we operate. For example, in support of the transition arbon-neutral economy, utility customers are transitioning toward more sustainable es of power generation, such as renewables like wind and solar coupled with battery ge technology, and are replacing aging, less efficient electric power infrastructure. erns regarding climate change are also leading to the increased electrification of mer goods, such as electric vehicles, which is expected to provide continued additional nd for new and expanded electric power infrastructure and the re-engineering of ag electric power infrastructure. These market dynamics and technological advances le significant opportunities for us, including increased demand for our renewable energy ructure services, which we have significantly expanded through our acquisition of er, as well as our portfolio of electric power infrastructure services.

atory & Compliance Cost Risk: New legislation or regulation related to climate change increase our costs. Most significantly, we maintain a large fleet of vehicles and a cant amount of construction machinery. Our fleet costs could significantly increase as It of regulations related to vehicle emissions and requirements related to transitioning ctric fleet vehicles.

Describe how processes for identifying, assessing, and

managing climate-related risks are integrated into the

organization's overall risk

management.

Quanta Services CDP Climate Response 2023

Quanta Services CDP Climate Response 2023

Ethics & Integrity: Ensuring Responsible Governance, p. 114

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STRATEGY, CONTIN	NUED		METRICS & TARGETS		
	Describe the impact of climate-related risks and opportunities on the organization's businesses, strategy, and financial planning.	Making an Impact: How Quanta Creates Value for Society, p. 8 Building Momentum: Our Sustainability Strategy, p. 14 How Quanta's Role in the North American Energy Transition Is Gaining Momentum, p. 18 Responding to Increasing Extreme Weather & Climate Disasters, p. 28	Disclose the metrics and targets used to assess and manage relevant climate-related risks and opportunities.	Disclose the metrics used by the organization to assess climate-related risks and opportunities in line with its strategy and risk management process.	Reducing <u>Quanta S</u>
		Reducing Our Impact: Our Carbon Footprint, p. 86 Collaborating With Industry to Deliver the Hydrogen Economy, p. 94 Biodiversity, Environmental & Circular Economy Management: Restoring & Protecting, p. 100 2023 Proxy Statement   Corporate Governance   The Board's Role in Risk Oversight Quanta Services CDP Climate Response 2023		Disclose Scope 1, Scope 2, and, if appropriate, Scope 3 greenhouse gas (GHG) emissions and the related risks.	Reducing Quanta S
RISK MANAGEMEN	Describe the resilience of the organization's strategy, taking into consideration different climate-related scenarios, including a 2°C or lower scenario.	Quanta Services CDP Climate Response 2023			Scope 2 (Locatio Scope 2 (Market- Scope 3
Disclose how the organization identifies, assesses, and manages climate-related risks.	Describe the organization's processes for identifying and assessing climate- related risks. Describe the organization's	Ethics & Integrity: Ensuring Responsible Governance, p. 114 2023 Proxy Statement   Corporate Governance   The Board's Role in Risk Oversight Quanta Services CDP Climate Response 2023 Ethics & Integrity: Ensuring Responsible Governance, p. 114		Describe the targets used by the organization to manage climate-related risks and opportunities and performance against targets.	_
	processes for managing climate-related risks.	2023 Proxy Statement   Corporate Governance   The Board's Role in Risk Oversight			

## QUANTA'S RESPONSE

Reducing Our Impact: Our Carbon Footprint, p. 86

Quanta Services CDP Climate Response 2023

Reducing Our Impact: Our Carbon Footprint, p. 86

Quanta Services CDP Climate Response 2023

	UNITS	2019	2020	2021	2022
Scope 1 Emissions	Metric tons CO <sub>2</sub> e	656,248	576,626	653,947	836,724
Scope 2 Emissions (Location-Based)	Metric tons CO <sub>2</sub> e	9,429	8,776	8,812	13,276
Scope 2 Emissions (Market-Based)	Metric tons CO <sub>2</sub> e	9,428	8,767	8,797	12,685
Scope 3 Emissions	Metric tons CO <sub>2</sub> e	_	_	_	74,744