

# SUSTAINABILITY DATA METRICS

Below is a consolidated set of sustainability metrics aligned with broader reporting standards for the last five years that demonstrate our wider impact on society as the energy transition unfolds. We are proud this year to have added new environmental-related metrics associated with certain Scope 3 emissions categories. As our sustainability program further matures, we look forward to disclosing additional metrics that are aligned with our strategy.

	UNIT	2019	2020	2021	2022	2023
<b>IMPACT ON SOCIETY</b>						
<b>FINANCIAL CLIMATE CHANGE-RELATED REVENUES</b>						
Renewable energy infrastructure solutions revenues <sup>1</sup>	Million USD	\$775	\$1,305	\$1,825	\$3,779	\$6,170
Emergency restoration services revenues <sup>2</sup>	Million USD	\$190	\$444	\$452	\$331	\$310
<b>RENEWABLES</b>						
<b>CONSTRUCTION</b>						
Utility-scale wind and solar power constructed <sup>3</sup>	Installed capacity, MW	—	—	6,587	4,591	3,276
Utility-scale battery storage constructed <sup>4</sup>	Installed capacity, MW	—	50	1,009	436	1,026
<b>EV CHARGING INFRASTRUCTURE</b>						
EV charging	Installed capacity, MW	—	—	—	30	33
	UNIT	2019	2020	2021	2022	2023
<b>ENVIRONMENTAL (PLANET)</b>						
<b>ENERGY CONSUMPTION</b>						
<b>DIRECT ENERGY CONSUMPTION (SCOPE 1), VEHICLE FUEL</b>						
Diesel fuel	TJ	5,947	4,851	5,605	7,348	8,649
Gasoline	TJ	2,676	2,500	2,776	3,419	4,113
Liquefied natural gas (LNG)	TJ	52	56	59	84	76
Aviation fuel	TJ	66	271	284	334	360
<b>Total vehicle fleet energy consumption</b>	<b>TJ</b>	<b>8,741</b>	<b>7,678</b>	<b>8,724</b>	<b>11,185</b>	<b>13,198</b>
<b>FACILITY ENERGY USE</b>						
Natural gas <sup>5</sup>	TJ	26.8	26.5	26.2	33.7	41.6

	UNIT	2019	2020	2021	2022	2023
<b>ENVIRONMENTAL (PLANET)</b>						
<b>ENERGY CONSUMPTION, CONTINUED</b>						
<b>FACILITY-PURCHASED ELECTRICITY</b>						
Indirect energy consumption (Scope 2), facility-purchased electricity <sup>5</sup>	TJ	22.8	27.1	35.3	59.8	71.6
<b>TOTAL ENERGY CONSUMPTION</b>						
Scope 1 energy consumption	TJ	8,768	7,705	8,750	11,219	13,240
Scope 2 energy consumption	TJ	22.8	27.1	35.3	59.8	71.6
<b>Scope 1 and 2 energy consumption, total</b>	<b>TJ</b>	<b>8,790</b>	<b>7,732</b>	<b>8,785</b>	<b>11,279</b>	<b>13,312</b>
<b>GREENHOUSE GAS (GHG) EMISSIONS</b>						
<b>VEHICLE FUEL</b>						
Diesel fuel	Metric tons CO <sub>2</sub> e	444,771	362,763	419,154	549,122	646,370
Gasoline	Metric tons CO <sub>2</sub> e	198,588	185,540	206,031	253,604	305,050
Liquefied natural gas (LNG)	Metric tons CO <sub>2</sub> e	2,953	3,184	3,356	4,794	4,320
Aviation fuel	Metric tons CO <sub>2</sub> e	4,908	20,161	21,154	24,850	26,793
<b>Total vehicle fleet emissions</b>	<b>Metric tons CO<sub>2</sub>e</b>	<b>651,219</b>	<b>571,648</b>	<b>649,694</b>	<b>832,370</b>	<b>982,533</b>
<b>FACILITY ENERGY USE</b>						
Natural gas	Metric tons CO <sub>2</sub> e	1,347	1,333	1,317	1,700	1,965
<b>FACILITY-PURCHASED ELECTRICITY</b>						
Scope 2 CO <sub>2</sub> emissions, location-based	Metric tons CO <sub>2</sub> e	2,951	3,008	3,469	5,745	7,546
Scope 2 CO <sub>2</sub> emissions, market-based	Metric tons CO <sub>2</sub> e	2,951	3,008	3,469	5,154	6,995
<b>TOTAL DIRECT &amp; INDIRECT EMISSIONS</b>						
Scope 1 emissions	Metric tons CO <sub>2</sub> e	652,566	572,981	651,011	834,070	984,498
Scope 2 emissions, location-based	Metric tons CO <sub>2</sub> e	2,951	3,008	3,469	5,745	7,546
<b>Scope 1 and 2 emissions, total</b>	<b>Metric tons CO<sub>2</sub>e</b>	<b>655,517</b>	<b>575,989</b>	<b>654,480</b>	<b>839,815</b>	<b>992,044</b>
Offset emissions (Scope 1)	Metric tons CO <sub>2</sub> e	—	552	1,547	2,808	1,560
<b>ENERGY &amp; EMISSIONS INTENSITY</b>						
Scope 2 energy intensity	g CO <sub>2</sub> e/MJ	129.4	111.0	98.3	96.1	105.4
Vehicle fleet emissions intensity	g CO <sub>2</sub> e/USD revenue	53.8	51.0	50.1	48.8	47.1
Scope 1 CO <sub>2</sub> emissions intensity, total	g CO <sub>2</sub> e/USD revenue	53.9	51.1	50.2	48.9	47.1
<b>Scope 1 and 2 CO<sub>2</sub> emissions intensity, total</b>	<b>g CO<sub>2</sub>e/USD revenue</b>	<b>54.1</b>	<b>51.4</b>	<b>50.4</b>	<b>49.2</b>	<b>47.5</b>
<b>SCOPE 3 GREENHOUSE GAS EMISSIONS</b>						
Category 3: Fuel and Energy Related Activities	Metric tons CO <sub>2</sub> e	—	—	—	—	214,325
Category 6: Business Travel	Metric tons CO <sub>2</sub> e	18,471	13,307	16,429	20,359	29,199
Category 7: Employee Commuting	Metric tons CO <sub>2</sub> e	52,586	41,227	52,561	54,385	65,738
Category 8: Upstream Leased Assets <sup>6</sup>	Metric tons CO <sub>2</sub> e	—	—	—	—	12,694

	UNIT	2019	2020	2021	2022	2023
<b>ENVIRONMENTAL (PLANET)</b>						
<b>► PROGRESS TOWARD CLIMATE COMMITMENTS</b>						
<b>RENEWABLE ENERGY<sup>7</sup></b>						
Renewable energy installed since 2021, cumulative	GW	—	—	—	—	17.0
Progress towards 2035 goal (100 GW installed)		—	—	—	—	17.0%
<b>SCOPE 1 CO<sub>2</sub> INTENSITY</b>						
Scope 1 emissions intensity	g CO <sub>2</sub> e/USD revenue	—	—	—	—	47.1
Emissions intensity reduced since 2019		—	—	—	—	12.5%
Progress toward 2040 goal (30% reduction)		—	—	—	—	42%
<b>PROPERTIES<sup>8</sup></b>						
Facility electricity usage covered by renewable energy certificates (REC) purchases		—	—	—	—	100%
<b>► OTHER TAILPIPE EMISSIONS</b>						
Nitrogen oxides (NOx)	Metric tons	953	975	1,101	1,084	984
Sulfur oxides (SOx)	Metric tons	5.0	5.1	5.3	4.7	4.2
Particulate matter (PM10)	Metric tons	75	78	91	90	82
Nitrogen oxides (NOx) emissions intensity	g NOx/million USD revenue	79	87	85	63	47
Sulfur oxides (SOx) emissions intensity	g SOx/million USD revenue	0.4	0.5	0.4	0.3	0.2
Particulate matter (PM10) emissions intensity	g PM10/million USD revenue	6.2	7.0	7.0	5.3	3.9
<b>► WATER</b>						
Total water intake, Quanta facilities <sup>9</sup>	Thousand gallons	22,161	24,136	30,390	36,145	39,785
Water intensity, Quanta facilities	Gallons/thousand USD revenue	1.8	2.2	2.3	2.1	1.9
<b>► WASTE</b>						
<b>HAZARDOUS WASTE</b>						
Electronic waste, recycled	Pounds	8,392	1,347	4,365	8,592	28,363
<b>NON-HAZARDOUS WASTE</b>						
Used engine oil	Gallons	—	—	—	71,040	90,187

	UNIT	2019	2020	2021	2022	2023
<b>ENVIRONMENTAL (PLANET)</b>						
<b>► BIODIVERSITY</b>						
Total area, Quanta facilities <sup>10</sup>	Acres	—	—	—	7,865	8,507
Total area impacted, major transmission projects <sup>11</sup>	Acres	—	—	—	49,785	79,580
Total area impacted, major pipeline projects <sup>11</sup>	Acres	—	—	—	22,975	9,085
<b>SOCIAL (PEOPLE)</b>						
<b>► HEADCOUNT</b>						
<b>HEADCOUNT BY REGION<sup>12</sup></b>						
U.S.		29,813	29,731	36,845	40,069	50,606
Canada		5,248	3,720	5,264	4,936	4,147
Australia		541	660	812	1,535	1,078
Rest of the world, total		4,706	1,686	782	722	558
<b>Approximate total number of employees</b>		<b>40,308</b>	<b>35,797</b>	<b>43,703</b>	<b>47,262</b>	<b>56,389</b>
<b>► DIVERSITY (U.S. ONLY)</b>						
<b>EMPLOYEE DIVERSITY<sup>12</sup></b>						
Female employees as share of total workforce		8%	9%	10%	10%	10%
Female employees in management and professional roles		13%	14%	14%	14%	14%
Overall employee ethnic diversity		34%	27%	32%	38%	37%
Ethnic diversity in management and professional roles		23%	22%	24%	29%	31%
<b>DIVERSE PROCUREMENT</b>						
Diverse vendor spend <sup>13</sup>	Million USD	—	\$679	\$742	\$1,117	\$1,377
<b>DIVERSE VENDORS</b>						
Total unique diverse vendors used		—	—	—	1,935	1,992
Women-owned business		—	—	—	601	563
Veteran-owned business		—	—	—	133	128
Small disadvantaged business		—	—	—	326	324
8(a) small business		—	—	—	900	1,105
Minority-owned business		—	—	—	358	334
<b>► COMMUNITY</b>						
Community impact spend	Million USD	—	—	—	\$7.7	\$9.6

	UNIT	2019	2020	2021	2022	2023
<b>SOCIAL (PEOPLE)</b>						
<b>SAFETY</b>						
"Stuff That Kills You" (STKY) actual rate <sup>14</sup>		0.242	0.210	0.163	0.125	0.112
Total number of automated external defibrillators (AEDs) deployed to job sites		9,129	10,278	11,156	13,152	16,738
Total number of lives saved due to deployed automated external defibrillators (AEDs)		26	29	33	39	43
Total recordable incident rate (TRIR)		—	—	0.98	0.89	0.90
Consolidated lost time injury rate (LTIR)		—	—	0.26	0.24	0.23
<b>TRAINING</b>						
<b>NORTHWEST LINEMAN COLLEGE<sup>15</sup></b>						
Veterans trained (campus career programs)		19%	20%	19%	16%	13%
Minority students trained (campus career programs)		26%	29%	31%	30%	34%
Female students trained (campus career programs)		0%	1%	1%	1%	1%
Total number of students trained, mobile training programs		6,529	5,553	6,570	9,165	12,000
Total number of students trained, apprenticeship programs		4,558	4,678	5,072	5,828	6,552
Total number of students trained, career training programs		2,000	2,249	2,666	2,649	2,548
<b>Total number of students trained (campus and mobile training programs)</b>		<b>13,087</b>	<b>12,480</b>	<b>15,123</b>	<b>17,642</b>	<b>21,100</b>
<b>QUANTA ADVANCED TRAINING CENTER<sup>16</sup></b>						
Total number of students trained		1,420	801	1,341	1,298	1,563
Total number of training days		17,356	12,453	19,658	24,293	26,137
<b>STRONGHOLD UNIVERSITY<sup>17</sup></b>						
Total number of students trained		—	1,697	5,258	7,421	7,937
Total number of training days		—	2,122	6,573	5,566	9,327
		<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
<b>GOVERNANCE (PRINCIPLES)</b>						
<b>BOARD DIVERSITY</b>						
Female		20%	20%	30%	30%	27%
Minority		10%	10%	10%	10%	27%
<b>OPERATING COMPANY SUSTAINABILITY</b>						
Average operating company sustainability metric score <sup>18</sup>		—	—	—	56.8	61.4

<sup>1</sup> Quanta's Renewable Energy Infrastructure Solutions segment provides comprehensive infrastructure solutions to customers involved in the renewable energy industry. Services include engineering, procurement, new construction, repowering, and repair and maintenance for generation facilities, such as utility-scale wind, solar generation, hydropower generation, and battery storage facilities, as well as engineering and construction services for substations, switchyards, transmission, and other electrical infrastructure needed to interconnect renewable energy generation and battery storage facilities.

<sup>2</sup> Emergency restoration services generally includes, among other things, the repair of infrastructure damaged by extreme weather events, including hurricanes, severe storms, snowstorms, tornadoes, wildfires, and inclement weather.

<sup>3</sup> Data includes delivered projects only, including wind repower projects.

<sup>4</sup> Data includes delivered projects only.

<sup>5</sup> Natural gas and electricity consumed on-site at Quanta-owned and -leased facilities. Values were restated to align with GHG Protocol guidance for the selected organizational boundary. Under the financial control approach, Quanta-owned and -leased facilities are reported as Scope 2, whereas purchased electricity and natural gas from facilities under operating leases are reported as Scope 3, Category 8.

<sup>6</sup> Purchased electricity and natural gas from facilities under operating leases

<sup>7</sup> This goal is applicable to balance of plant renewables construction projects only and includes new wind, wind repower, solar, battery storage, EV charging, hydrogen, and RNG projects. Only projects delivered within a calendar year are considered. Front-end service projects that don't include full construction as well as substation and transmission projects that connect to renewable facilities are not considered part of this goal.

<sup>8</sup> This goal is applicable to Quanta North American operations only.

<sup>9</sup> Consumption of water at Quanta-owned and -leased facilities

<sup>10</sup> Quanta-owned and -leased facilities

<sup>11</sup> Projects greater than 100 miles in length

<sup>12</sup> Representation data as of November 30 of each calendar year

<sup>13</sup> A diverse vendor is generally a business that is at least 51% owned and operated by an individual or group that is part of a traditionally underrepresented or underserved group.

<sup>14</sup> "STKY actual events" are events that are considered life-threatening, life-altering, or life-ending. STKY actual rate equals total number of STKY actual events, multiplied by 1,000,000, and divided by total work hours. STKY actual rates for 2019 to 2022 have been restated to reflect an updated definition of STKY actual events.

<sup>15</sup> Includes training of both Quanta and non-Quanta-based employees.

<sup>16</sup> Training of Quanta employees only

<sup>17</sup> Stronghold University opened in May 2020.

<sup>18</sup> Score is out of 100.

## Estimates & Assumptions

The preparation of the information included in this report, including, among other things, emissions and energy usage data, workforce data, and specific project metrics, requires the use of estimates and assumptions. As a result, such information may be inaccurate, and there is no assurance that such information will not need to be revised in connection with our publication of any future reports. Moreover, statements in this report may be based on standards or methodologies that are still developing and for which internal controls and processes are continuing to evolve. Additionally, Quanta's methodology for determining any such information may not be comparable to the methodology utilized by other companies or third parties. Further, certain statements are based on third-party data, estimates, or standards which Quanta has not independently verified or reviewed. While estimates and assumptions used are believed to be reasonable at the time of preparation, the inclusion of projections and estimates in this report should not be regarded as guarantees. Our disclosures based on any standards may change due to revisions in framework requirements, availability of information, changes in governmental policies, or other factors which may be beyond control. The inclusion of projections and estimates in this report should not be regarded as an indication that Quanta considered or considers such information to be a reliable prediction of future events.

The information contained in this report has not been audited by an independent auditor, and Quanta has only obtained a limited assurance review for our Scope 1 and 2 emissions greenhouse gas inventory. This report is prepared as a reference tool, and Quanta may elect to modify the format or discontinue publication of such reports at any time without notice.

## Materiality

The discussion of materiality or significance, including discussion of material or significant ESG matters, is not an indication that such information, topics, matters, or issues are necessarily material to Quanta's investors under the federal securities law's definition of materiality in general or pursuant to disclosure or reporting requirements in connection with the rules and regulations of the Securities and Exchange Commission.