

SUSTAINABILITY DATA METRICS

Below is a consolidated set of sustainability metrics aligned with various reporting standards for the last five years that demonstrate our broad impact on society. As our sustainability program continues to mature, we look forward to disclosing additional metrics that align with our strategy and values.

IMPACT ON SOCIETY		UNIT	2021	2022	2023	2024	2025
FINANCIAL CLIMATE CHANGE-RELATED REVENUES							
Emergency restoration services revenues ¹	Million USD		\$452	\$331	\$310	\$654	\$298
RENEWABLES							
CONSTRUCTION							
Utility-scale wind and solar power constructed ²	Installed capacity, MW		6,587	4,591	3,276	10,330	8,509
Utility-scale battery storage constructed ³	Installed capacity, MW		1,009	436	1,026	1,577	5,583
Avoided emissions enabled (estimate) ⁴	Million metric tons CO ₂ e		6.7	5.0	3.1	7.9	7.1
EV CHARGING INFRASTRUCTURE							
EV charging	Installed capacity, MW		—	30	33	30	35
ENVIRONMENTAL (PLANET)		UNIT	2021	2022	2023	2024	2025
ENERGY CONSUMPTION							
DIRECT ENERGY CONSUMPTION (SCOPE 1), VEHICLE FUEL							
Diesel fuel	TJ		5,605	7,348	7,994	7,680	8,528
Gasoline	TJ		2,776	3,419	3,634	3,689	3,979
Liquefied natural gas (LNG)	TJ		59	84	72	97	82
Aviation fuel	TJ		284	334	360	190	220
Vehicle fleet energy consumption, total	TJ		8,724	11,185	12,060	11,656	12,808
FACILITY ENERGY USE							
Natural gas ⁵	TJ		26.2	33.7	41.6	143.8	178.4
FACILITY-PURCHASED ELECTRICITY							
Indirect energy consumption (Scope 2), facility-purchased electricity ⁵	TJ		35.3	59.8	71.6	119.2	137.8

ENVIRONMENTAL (PLANET)		UNIT	2021	2022	2023	2024	2025
TOTAL ENERGY CONSUMPTION							
Scope 1 energy consumption	TJ	8,750	11,219	12,102	11,800	12,987	
Scope 2 energy consumption	TJ	35	60	72	119	138	
Scope 1 and 2 energy consumption, total	TJ	8,786	11,279	12,173	11,919	13,124	
TOTAL ENERGY INTENSITY							
Scope 1 energy intensity	KJ/USD revenue	674	657	580	498	456	
Scope 2 energy intensity	KJ/USD revenue	2.7	3.5	3.4	5.0	4.8	
Scope 1 and 2 energy consumption, total	KJ/USD revenue	677	661	583	503	461	
GREENHOUSE GAS (GHG) EMISSIONS							
VEHICLE FUEL							
Diesel fuel	Metric tons CO ₂ e	419,154	549,122	597,396	573,984	637,348	
Gasoline	Metric tons CO ₂ e	206,031	253,604	269,550	273,622	295,113	
Liquefied natural gas (LNG)	Metric tons CO ₂ e	3,356	4,794	4,120	5,820	4,703	
Aviation fuel	Metric tons CO ₂ e	21,154	24,850	26,793	14,131	16,319	
Vehicle fleet emissions, total	Metric tons CO ₂ e	649,694	832,370	897,859	867,557	953,483	
FACILITY ENERGY USE							
Natural gas	Metric tons CO ₂ e	1,317	1,700	1,965	7,280	9,025	
FACILITY-PURCHASED ELECTRICITY							
Scope 2 CO ₂ emissions, location-based	Metric tons CO ₂ e	3,469	6,336	8,098	12,865	13,721	
Scope 2 CO ₂ emissions, market-based	Metric tons CO ₂ e	3,469	5,745	7,546	12,337	14,209	
TOTAL DIRECT & INDIRECT EMISSIONS							
Scope 1 emissions	Metric tons CO ₂ e	651,011	834,070	899,824	874,837	962,508	
Scope 2 emissions, market-based	Metric tons CO ₂ e	3,469	5,745	7,546	12,337	14,209	
Scope 1 and 2 emissions, total	Metric tons CO ₂ e	654,480	839,815	907,370	887,174	976,717	
Offset emissions (Scope 1)	Metric tons CO ₂ e	1,547	2,808	1,560	1,599	1,690	
EMISSIONS INTENSITY							
Scope 2 emissions intensity	g CO ₂ e/MJ	98.3	96.1	105.4	103.5	103.1	
Vehicle fleet emissions intensity	g CO ₂ e/USD revenue	50.1	48.8	43.0	36.6	33.5	
Vehicle fleet emissions intensity, per employee	Metric tons CO ₂ e	14.9	17.6	17.1	14.9	13.7	
Scope 1 CO ₂ emissions intensity, total	g CO ₂ e/USD revenue	50.2	48.9	43.1	37.0	33.8	
Scope 1 and 2 CO ₂ emissions intensity, total	g CO ₂ e/USD revenue	50.4	49.2	43.5	37.5	34.3	
SCOPE 3 GREENHOUSE GAS EMISSIONS							
Category 3: Fuel and Energy Related Activities	Metric tons CO ₂ e	—	—	214,325	192,463	212,123	
Category 6: Business Travel (estimated)	Metric tons CO ₂ e	16,429	20,359	29,125	28,209	20,611	
Category 7: Employee Commuting (estimated)	Metric tons CO ₂ e	52,561	54,385	65,738	117,945	141,117	
Category 8: Upstream Leased Assets ⁶	Metric tons CO ₂ e	—	—	12,694	17,639	20,202	

ENVIRONMENTAL (PLANET)		UNIT	2021	2022	2023	2024	2025
PROGRESS TOWARD CLIMATE COMMITMENTS							
RENEWABLE ENERGY ⁷							
Renewable energy installed since 2021, cumulative	GW	—	—	17.0	28.9	43.0	
Progress towards 2035 goal (100 GW installed)		—	—	17.0%	28.9%	43.0%	
SCOPE 1 CO ₂ INTENSITY							
Scope 1 emissions intensity	g CO ₂ e/USD revenue	—	—	43.1	37.0	33.8	
Emissions intensity reduced since 2019		—	—	20.0%	31.4%	37.3%	
Progress toward 2040 goal (30% reduction)		—	—	67%	105%	124%	
PROPERTIES ⁸							
Facility electricity usage covered by renewable energy certificates (REC) purchases		—	—	100%	100%	100%	
OTHER TAILPIPE EMISSIONS							
Nitrogen oxides (NOx)	Metric tons	1,101	1,084	984	865	974	
Sulfur oxides (SOx)	Metric tons	5.3	4.7	4.2	4.0	4.1	
Particulate matter (PM10)	Metric tons	91	90	82	69	79	
Nitrogen oxides (NOx) emissions intensity	kg NOx/million USD revenue	85	63	47	37	34	
Sulfur oxides (SOx) emissions intensity	kg SOx/million USD revenue	0.41	0.28	0.20	0.17	0.14	
Particulate matter (PM10) emissions intensity	kg PM10/million USD revenue	7.0	5.3	3.9	2.9	2.8	
WATER							
Total water intake, Quanta facilities ⁹	Thousand gallons	30,390	36,145	39,785	51,650	51,147	
Water intensity, Quanta facilities	Gallons/thousand USD revenue	2.34	2.12	1.91	2.18	1.80	
Quanta facilities in water stressed areas ¹⁰		—	—	—	13%	13%	
WASTE							
HAZARDOUS WASTE							
Electronic waste, recycled	Pounds	4,365	8,592	28,363	1,999	1,271	
NON-HAZARDOUS WASTE							
Used engine oil ¹¹	Gallons	—	71,040	76,290	78,801	86,705	
Recycled project materials from large projects	Pounds	—	—	—	2,256,131	3,375,878	
BIODIVERSITY							
Total area, Quanta facilities ¹²	Acres	—	7,865	8,507	8,446	8,932	
Total area impacted, major transmission projects ¹³	Acres	—	49,785	79,580	79,580	84,275	
Total area impacted, major pipeline projects ¹³	Acres	—	22,975	9,085	9,090	9,090	
Total area impacted, major fiber projects ¹³	Acres	—	—	—	12,605	12,605	
Quanta facilities in IUCN Protected Areas I–VI ¹²		—	—	—	—	0%	

	UNIT	2021	2022	2023	2024	2025
SOCIAL (PEOPLE)						
HEADCOUNT						
HEADCOUNT BY REGION¹⁴						
U.S.		36,845	40,069	50,606	57,149	68,769
Canada		5,264	4,936	4,147	3,828	3,584
Australia		812	1,535	1,078	1,074	1,341
Rest of the world, total		782	722	558	462	431
Approximate number of employees, total		43,703	47,262	56,389	62,513	74,125
DIVERSITY (U.S. ONLY)						
EMPLOYEE DIVERSITY¹⁴						
Female employees as share of total workforce		10%	10%	10%	11%	10%
Female employees in management and professional roles		14%	14%	14%	17%	17%
Overall employee ethnic diversity		32%	38%	37%	39%	41%
Ethnic diversity in management and professional roles		24%	29%	31%	29%	29%
DIVERSE PROCUREMENT						
Diverse vendor spend ¹⁵	Million USD	\$742	\$1,117	\$1,377	\$1,735	\$1,999
DIVERSE VENDORS						
Total unique diverse vendors used		—	1,935	1,992	2,221	1,699
Women-owned business		—	601	563	578	579
Veteran-owned business		—	133	128	127	163
Small disadvantaged business		—	326	324	424	353
8(a) small business		—	900	1,105	1,184	796
Minority-owned business		—	358	334	324	431
COMMUNITY						
Community impact spend	Million USD	—	\$7.7	\$9.6	\$12.0	\$17.0
SAFETY						
"Stuff That Kills You" (STKY) actual rate ¹⁶		0.163	0.125	0.112	0.128	0.092
Total number of automated external defibrillators (AEDs) deployed to job sites		11,156	13,152	16,738	19,549	22,839
Total number of lives saved due to deployed automated external defibrillators (AEDs)		33	39	43	46	51
Total recordable incident rate (TRIR)		0.98	0.89	0.90	0.85	0.83
Consolidated lost time injury rate (LTIR)		0.26	0.24	0.23	0.20	0.18

	UNIT	2021	2022	2023	2024	2025
SOCIAL (PEOPLE)						
TRAINING						
NORTHWEST LINEMAN COLLEGE ¹⁷						
Veterans trained (campus career programs)		19%	16%	13%	13%	12%
Minority students trained (campus career programs)		31%	30%	34%	37%	34%
Female students trained (campus career programs)		1%	1%	1%	1%	0%
Total number of students trained, apprenticeship programs		5,072	5,828	6,552	5,199	8,372
Total number of students trained, career training programs		2,666	2,649	2,548	2,207	1,915
Total number of students trained (campus training programs)		7,738	8,477	9,100	7,406	10,287
QUANTA ADVANCED TRAINING CENTER ¹⁸						
Total number of students trained		1,341	1,298	1,563	1,312	1,443
Total number of training days		19,658	24,293	26,137	24,100	25,541
STRONGHOLD UNIVERSITY ¹⁸						
Total number of students trained		5,258	7,421	7,937	8,649	13,249
Total number of training days		6,573	5,566	9,327	9,213	12,502
GOVERNANCE (PRINCIPLES)						
OPERATING COMPANY SUSTAINABILITY						
Average operating company sustainability metric score ¹⁹		—	56.8	61.4	61.7	62.7

- ¹ 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.
- ² Data includes delivered projects only, including wind repower projects.
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- ⁴ Estimated total annual emissions avoided from the solar and wind projects Quanta completed and delivered in each calendar year. The calculation is a high-level estimate, taking into account capacity factors for wind and solar, annual generation, and displacement using the U.S. national grid factor.
- ⁵ Natural gas and electricity consumed on-site at Quanta-owned and finance-leased facilities. Under the financial control approach, Quanta-owned and finance-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.
- ⁶ Purchased electricity and natural gas from facilities under operating leases
- ⁷ This goal is applicable to balance of plant renewable 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.
- ⁸ This goal is applicable to Quanta North American operations only.
- ⁹ Consumption of water at Quanta-owned and -leased facilities
- ¹⁰ Water-stressed areas are defined as regions experiencing either "High" or "Extremely High" baseline water stress as classified by the World Resources Institute's Aqueduct Water Risk Atlas tool.
- ¹¹ Used engine oil for on-road vehicles, estimated
- ¹² Quanta-owned and -leased facilities as of December 31 of the reporting year
- ¹³ Projects greater than 100 miles in length
- ¹⁴ Representation data as of November 30 of each calendar year
- ¹⁵ 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.
- ¹⁶ "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. Includes serious injuries and fatalities
- ¹⁷ Includes training of both Quanta and non-Quanta-based employees
- ¹⁸ Training of Quanta employees only
- ¹⁹ 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.