

The background of the entire page is a photograph of a tall, grey metal lattice transmission tower. Three workers in safety gear (hard hats, harnesses, and high-visibility vests) are visible climbing or working on the tower's structure. The tower is situated in a rural landscape with a body of water and a line of trees in the background under a clear sky.

Quanta Services builds
the infrastructure that
powers, heats and
connects your world.

2019 Corporate Responsibility Report

Quanta Services is proud to present our 2019 Corporate Responsibility Report, which focuses on our commitment to the world around us. As we mature and strengthen, we keep our people, our planet and our principles at the forefront — always looking for innovative ways to create a positive impact. From our everyday actions on job sites across the country to major capital investments, we integrate sustainability into our business by prioritizing these key areas. These commitments are core to who we are and have driven us since our inception. We will continue to make decisions for the long term, based on uncompromising values and a clear strategy.



A **message** from the President and Chief Executive Officer

At Quanta Services, we are committed to operating in a sustainable manner. Our vision is to be the leading infrastructure solutions provider in the markets we serve, creating exceptional value for all of our stakeholders, including our customers, employees and communities.

To do so, we have developed clear priorities, including keeping our people safe and healthy while maintaining the highest standards of business continuity for our customers. These priorities have been core to who we are as a company since we were founded more than 20 years ago – and they will continue in good times and difficult ones.



As we write this, the world is grappling with unprecedented changes brought on by the COVID-19 pandemic. During these challenging times, meeting the needs of our employees, customers and communities is even more vital. As we

continue to support the essential services of our customers, we do so with the health and safety of our employees at the forefront of each decision we make.

We have set very clear strategic imperatives, which have driven us forward over the last several years – and will set the future course of our company as we continue to mature and strengthen.

We are committed to...

World-class safety and training

Delivering differentiating solutions to our customers

Operational excellence

Attracting, developing and retaining exceptional employees in a diverse and inclusive environment

Delivering stockholder value

Maintaining an entrepreneurial culture with appropriate corporate governance



Our industry is dynamic and constantly evolving, and each day brings new opportunities. We are focused on continuing to innovate and lead the sectors in which we operate towards a more sustainable future.

Our priorities are clear – we are guided by what is best for our People and our Planet, in alignment with our unwavering Principles.

Our People

Our people are the heart of Quanta and what differentiates us from our competitors, and we are committed to the health, safety and well-being of our employees, customers and communities.

To ensure employee safety, we have incrementally invested more than \$100 million in workforce development and training initiatives. These include building the Quanta Advanced Training Center, a world-class facility located on a 2,300-acre ranch in La Grange, Texas, as well as acquiring and expanding the largest accredited line worker college in the country, Northwest Lineman College (NLC). NLC currently has four campuses throughout the country, with plans to continue expansion. We commit time, resources and innovation to these measures not only for the sake of Quanta's workforce – but to raise the level of safety and training for the entire industry workforce.

We also collaborate with numerous workforce development partners, including universities, military bases and a diverse array of industry groups, to recruit, hire and train the leading craft-skilled workforce in the industry.



We are continuously advancing our safety and training programs – in order to ensure a safe and qualified workforce for Quanta and the industries we serve. To that end, we developed a new safety program, which has been implemented at our operating companies and has been embraced by a number of our customers. The program was created in partnership with several industry safety experts with the goal of reducing serious and life-ending events.

One significant event on a job site is too many. We are dedicated to changing the way work is performed, through training and safety innovations, to help ensure safe work environments across the industry.

In 2011, we implemented an industry-leading Automated External Defibrillator (AED) program. Quanta's AED program is designed to provide equipment and training to our employees to enhance life-saving response measures in the case of sudden cardiac arrest in the field. We deploy an AED on each of our job sites across North America, which has resulted in numerous lives saved, including those of bystanders and customers.

In 2017, in the wake of Hurricane Harvey, we established Quanta Cares, a non-profit to support Quanta employees impacted by that storm. Employee donations, matched by the company, initially totaled \$1.3 million. Since then, the fund has grown and expanded its mandate and has raised more than \$1.8 million to support employees impacted by other catastrophic events.

And our commitment goes beyond our Quanta employees. With operations throughout North America, we generously give back to the communities where we work and live by donating millions of dollars and volunteering thousands of hours to various non-profit organizations. We focus our efforts primarily on supporting our future through causes that improve education and benefit children – and we choose our charity partners intentionally, to align with the company's values.



Our Planet

Much of our work takes place outside. Quanta has a reputation for strict compliance with environmental regulations and being a responsible steward of the environment on each job site. As a result, we are often selected for some of the most environmentally sensitive projects: renewable electric transmission projects designed to meet renewable portfolio standards, utility work that supports system modernization and efficiency programs and natural gas pipelines constructed to reduce carbon emissions and support growing renewable generation. Several of our customers rank as top sustainable companies, which is in part due to the environmental and technological support we provide.



We have included in this report several examples of recent projects where we completed the work on time, on budget and with impeccable safety and environmental records.

We also have implemented innovative environmental programs, including partnerships with multiple utility customers to recycle thousands of pieces of electrical infrastructure equipment per year. We continue to work hard to develop initiatives to improve efficiency and reduce the carbon footprint of our equipment and facilities.

Since 2013, we have worked to develop an extensive wildlife management plan at the Quanta Advanced Training Center on the Lazy Q Ranch. We have successfully re-introduced several species of native birds, mammals, reptiles and amphibians

on the property, and have rehabilitated multiple varieties of natural flora. This work has brought a pair of Bald Eagles to nest on the shores of one of our man-made lakes. We also have encouraged local farmers to continue tending land on our property in exchange for supplemental wildlife feed.

Our Principles

We are committed to sustainable governance principles, which stem from our core values and include a robust ethics and compliance program that is applicable to all Quanta employees.

Our core values guide everything we do. They are:

- Safety Always.
- Exceptional People.
- Differentiating Solutions.
- Entrepreneurial Culture.

Our values are not just words on a page. We live them daily. They are inspired by our people, ingrained in our culture – and they motivate every action we take.

We take our responsibility to contribute to a more sustainable future seriously, as demonstrated by a dedicated management corporate sustainability committee, which has executive-level support and guidance; oversight of our corporate responsibility and sustainability matters by a diverse and experienced Board of Directors; and by linking executive compensation to successful performance of key sustainability metrics.

As our company continues to grow, so will our commitment to positively impact the world around us. We are focused on operating the business for the long-term and expect to continue to distinguish ourselves through safe execution, best-in-class field leadership and innovative solutions. We will continue to think differently, grow and evolve as a sustainable company, committed to our people, our planet – and led by our clearly defined strategy and unwavering principles.

Thank you for your trust and confidence in Quanta Services.



Earl C. "Duke" Austin, Jr.
President & CEO
Quanta Services



Repeatable. Sustainable. Better.

At Quanta Services, we are focused on a repeatable, sustainable business model. For more than 20 years, our employees have built the infrastructure that keeps our world powered, heated and connected — while also striving to make a difference in people's lives. We know that's a huge responsibility and not one we take lightly.

In every decision we make, we consider how it will impact our people and our planet. And we are guided by clear principles and strategy.

Quanta Services is a leading specialized contracting services company, delivering comprehensive infrastructure solutions for the utility, pipeline, energy and communications industries. Quanta's comprehensive services throughout North America and Australia include designing, installing, repairing and maintaining energy and communications infrastructure.

We collaborate with our customers to continually harden and modernize the electricity grid, improving overall safety and allowing the connectivity of renewables. We also mobilize thousands of line workers and field personnel to serve as first responders during hurricanes, wildfires, snow storms and other natural disasters throughout North America.



40k+

Employees

+\$12B

More financial capacity than competitors to tackle major programs and projects. Our 2019 revenues were over \$12B.

4th

Largest Fleet in North America

53K

Unmatched specialized equipment resources: approximately 53,000 pieces of rolling stock.

300

More than 300 strategic operating centers across U.S., Australia and Canada.

283

NYSE: PWR
S&P 500
Fortune 283

Awards and Recognition

At Quanta, we have a long history of making a difference in people's lives – our employees, customers and the communities where we work and live. Below is some recent recognition.



ENR's Top 600

Specialty Contractor for 2019
Electrical Contractor for 2019
Utility Contractor for 2019



#283

Fortune 500 2019 List



#1

Electrical Construction &
Maintenance Magazine's Top
50 Electrical Contractors
List for 2019



#49

The Houston Chronicle 100
List for 2019



We are committed to **sustainability** in all we do.

As society becomes more connected, there is an increasing need for reliable, physical, social and environmental infrastructure. While working to meet these evolving infrastructure needs, we focus on the interests of our stakeholders, including our employees, our customers and the communities where we live and work. We believe that by giving back to our people and the world around us, we continue to think differently, evolve and grow as an operationally sustainable company.



Our ESG Framework

This report includes financial and nonfinancial information from Quanta Services, Inc. about activities, metrics, awards and accolades related to our People, Planet, Principles sustainability program for the 2019 calendar year, unless otherwise noted. This report integrates the Sustainability Accounting Standards Board (SASB) standards for the Infrastructure, Engineering and Construction Services industry and the United Nations Sustainable Development Goals (SDGs). Disclosures that fulfill these standards are noted by indicators within the report.

People



Planet



Principles



Notice to Investors

This report (and oral statements regarding the subject matter of this report) includes forward-looking statements intended to qualify under the “safe harbor” from liability established by the Private Securities Litigation Reform Act of 1995. These forward-looking statements include any statements reflecting Quanta’s expectations, goals, targets intentions, strategies, assumptions, plans or beliefs about future events or performance or that do not solely relate to historical or current facts. Forward-looking statements involve certain risks, uncertainties and assumptions that are difficult to predict or beyond Quanta’s control, and actual results may differ materially from those expected, implied or forecasted by our forward-looking statements due to inaccurate assumptions and known and unknown risk and uncertainties. For additional information concerning some of the risks, uncertainties, assumptions and other factors that could affect our forward-looking statements, please refer to Quanta’s Annual Report on Form 10-K for the year ended Dec. 31, 2019, Quanta’s Quarterly Reports on Form 10-Q and other documents filed with the Securities and Exchange Commission (SEC), which are available on our website (www.quantaservices.com). You should not place undue reliance on Quanta’s forward-looking statements, which are current only as of June 30, 2020. Quanta does not undertake and expressly disclaims any obligation to update or revise any forward-looking statements to reflect events or circumstances after such date or otherwise, and Quanta expressly disclaims any written or oral statements made by any third party regarding the subject matter of this report.

The information contained in this report has not been audited by any independent auditor. 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.



Safety / The Capacity Model

SDG 3

Safety

Our focus is fixed on safety. It is a core value, and we work hard to get every employee home safely every night. A safe work environment on every job also makes our customers stronger and more efficient. Our focus on safety continues to bolster ingrained, long-standing relationships with our customers.

The Capacity Model

We are in the people business and we know that people are fallible. We always choose prevention, but we realize that mistakes will happen. The question becomes do we have the capacity to absorb failure without causing harm. To be ready, we will plan and execute work assuming that failure could happen at any moment. We will learn from each job, each mistake and success – to continue getting better in every aspect.

Traditional safety practices have greatly reduced the number of workplace injuries during the last several decades, but life-ending events have declined at a slower rate. To further reduce serious and life-ending events, Quanta Services partnered with Northwest Lineman College (NLC) and several industry-leading safety organizations and experts to develop a new approach to safety: The Capacity Model™.

This model shifts the focus from simply preventing errors to building in the capacity to absorb errors, without catastrophic injury or death. The model incorporates human performance principles while looking at safety through three categories: prevention, learning and capacity for failure.

In partnership with Quanta's Safety, Health, Environmental, and Quality (SHEQ) management team, NLC is designing and developing curriculum in support of each element of the model:

STKY (s**t that kills you)

A concept that focuses on hazards that can seriously injure or kill people.

The Energy Wheel

A hazard-identification tool used prior to or during work.



Absolute controls

Critical safety controls required of all employees.

Operational learning

Teams of workers led by a facilitator who analyze workplace safety, including job briefings, post-work debriefs, routine safety inspections, job hazard analyses, successful operations, near-miss incidents, and incidents resulting in an injury, illness, or environmental exposure. The goal is to learn more about the context of an event. This approach helps companies reproduce successful outcomes or, for a safety or health incident, actually improve safety rather than just simply affix blame.

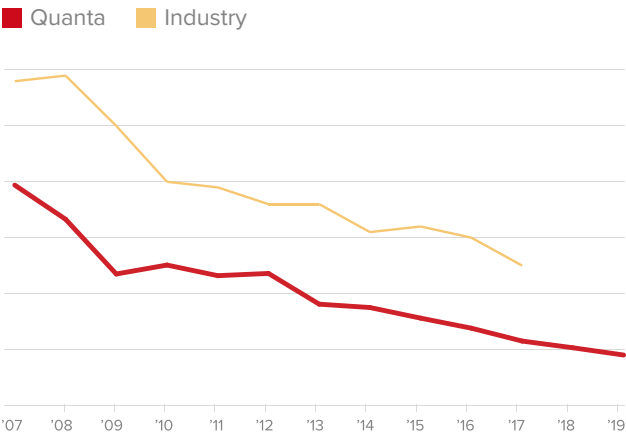


Employee Health and Safety Goals, Performance & Awards

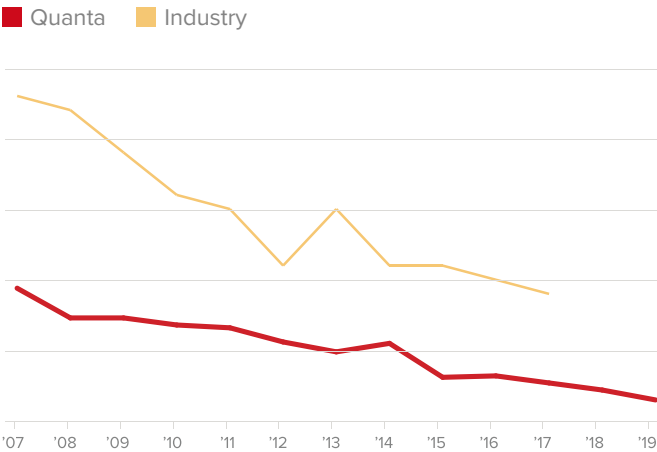
SDG 3

The safety of our people and job sites is at the core of everything we do. We continue to develop and implement proactive programs that go beyond the industry standard, and our safety performance has been better than the industry average, year after year.

Total Industry & Illness Rate
(Total Recordable Incident Rate)



Total Lost Time Incident Rate
(Total Lost Time)



Commitment Coin

We know that in order to reach the goal of ZERO incidents, our leaders must drive the safety initiatives. We are dedicated to bringing all of our people home each day, and that means having support for the top down. Not only are we committed to our employees, but Quanta is also committed to the industry we serve, to our customers and to our communities. To demonstrate our commitment to our employees, the Quanta Commitment Coin is awarded to those employees who exemplify safe work habits and their commitment to safety.



OSHA Partnership

SDG 3

Quanta is a founding member of the Electrical Transmission & Distribution OSHA Partnership (ET&D), a formal collaboration of industry leaders that sets best practices for line worker safety.

Today, the ET&D covers an estimated 80 percent of total workers in the electric line construction industry, and is one of only a few national partnerships between employers and OSHA.

Partnership goals include the following:

- Analyze accident and incident data to identify common causes for fatalities, injuries and illnesses suffered by line workers, apprentices and other appropriate job classifications.
- Develop recommended best practices for each identified cause.
- Develop implementation strategies for each best practice and promote these strategies among the partners.
- Identify training criteria for foremen, general foremen, supervisors, linemen and apprentices, including training to create industry culture change to place value on safety and health.



AED Program

SDG 3

The goal of our Automated External Defibrillator (AED) program is to increase the rate of survival for people who have sudden cardiac arrests. The AED program is designed to provide equipment and training to enhance life-saving response measures.

AEDs make it possible for trained and untrained responders to administer defibrillation prior to the arrival of Emergency Medical Services (EMS). We deploy an AED on every job site across North America. We go above the industry standards and hold ourselves to the Quanta standard. Our AED program has so far saved 26 lives, including bystanders and customers, and continues to be a life-saving success for our workforce and communities across North America and beyond.

9,129

AED units deployed as of December 31, 2019

26

Lives saved as of December 31, 2019



Employee Health and Wellness

SDG **3** **4** **8**

The path to our employees' good health lies within their reach, through our health and wellness benefits. Our programs motivate our employees and their families to make healthy lifestyle choices. Our wellness program services include "get moving" activities, weight loss competitions, blood pressure wellness, free flu shots, tobacco cessation programs, and a yearly onsite health screening that covers cholesterol, weight and BMI – at no cost to employees. For employees interested in financial wellness-planning for retirement, we have a 401(k) program, along with financial education sessions.



**PWRING
PEOPLE**

Workforce Training Facilities

SDG **3**

People are our most important asset. We believe that by investing in our craft-skilled workforce, we benefit our employees, our customers and the overall industry. Quanta has incrementally invested more than \$100 million in workforce training and development. We will continue to invest our time and resources to lead the industry in the workforce that keeps our country's lights on, heat generated and communications connected.

9,900+

Employees trained in 2019.

50K+

Employees trained since inception of NLC.

Northwest Lineman College

Quanta acquired the Northwest Lineman College (NLC) in January of 2018 to further expand its commitment to training the industry's workforce. NLC is an accredited training facility in the United States, with four campuses across the country and plans to build a fifth in North Carolina, offering specialized training across the electric power, pipeline, industrial and communications industries. NLC targets various and diverse hiring pools and offers grants for those students needing financial assistance.

Quanta Advanced Training Center at the Lazy Q Ranch

The Quanta Advanced Training Center at the Lazy Q Ranch in La Grange, Texas, is a 2,300-acre ranch that has been transformed into a world-class training facility. Our customers depend on us to provide a consistently trained and skilled workforce in order to ensure the safest job sites across North America. We deliver the highest level of training by constantly innovating with the latest research and technology across the industries we serve. Currently we offer aviation, electric power, pipeline, communications and other industry-wide training.



Ongoing Innovation

SDG **3** **8**

CEO Innovation Award

The CEO Innovation and Entrepreneurial Award was instituted in 2013 to honor the most innovative and impressive advancements made by Quanta employees. Since 2013, Quanta has collectively awarded more than \$600,000 to the winners of this competition, and many of the ideas have been integrated into field processes. The purpose of this program is to continually encourage entrepreneurial drive and creativity – and to benefit our customers and the overall industry with ongoing innovation.

Selection of previous winning innovations:

Ground Pounder

- The Ground Pounder is a machine utilized to hold a jack hammer, a safer and more efficient design than an employee operating the machinery.
- By using the Ground Pounder, Quanta cut production man hours in half and now uses less fuel consumption and less equipment to get the same job done.

EZ Fly Block

- The EZ Fly Block provides an alternative for pulling in hard line when a helicopter is utilized.
- Conventional methods of pulling a hard line while using a helicopter have a higher probability of failing. The EZ Fly Block was designed to make this process safer and more efficient.

HDD Simulator Training

- Horizontal directional drilling (HDD) involves getting a pipeline around or under any obstacle – e.g., a building, a lake, another pipeline. Historically, due to time-consuming training associated with HDD, our industry has suffered due to a lack of experienced operators, and training an operator on the job site can slow down progress considerably.
- Quanta built a real-time, virtual simulator of an HDD rig, complete with the control panel a crew uses in the field. This innovation has allowed Quanta to train more HDD operators without slowing down progress on a project.

VSpacer

- Quanta created a GPS-based, mobile application to support spacer, marker-ball, and bird-diverter placement on electric transmission lines. The application is completely handsfree, working with a headset and audio notifications.
- This application improves efficiency and accuracy when compared with existing methods, which relied on additional work to mark the positions of the installed feature on the ground.
- The application also records the location of all installed features for accurate and detailed records of the work.
- With this application, a worker is no longer required to divert his attention from the safety-sensitive tasks to try and determine his location, thereby reducing the chance of incidents.

Pipe Placement Device

- Materials handling is a hazardous task. In 2017, Quanta was working in urban areas where lifting attachments to move pipe was not an option.
- The pipe placement device is a safer way to control the load – it keeps the worker a safe distance away as he or she easily moves the pipe



Workforce Development Partnerships

SDG **5**

Commitment to Education

Quanta and the industry as a whole benefit from an educated and trained workforce, and Quanta partners with various universities to recruit, hire and train employees.

For example, Quanta began a partnership with Sam Houston State University (SHSU) in 2016, establishing a business relationship and workforce development program. SHSU professors, in conjunction with Quanta managers, created a proprietary curriculum. In addition to classroom course work, the program provides SHSU students hands-on experiences at the Quanta Training Center and summer internship opportunities.

Commitment to Our Military

We have made the commitment to be a military-ready company and are proud of our ongoing collaborations with the following organizations and initiatives of this commitment.

Quanta H.E.R.O.E.S. Program

Quanta H.E.R.O.E.S. (Hiring, Educating and Retaining our Exceptional Service Men and Women) is a comprehensive initiative to expand our long-standing support for the men and women of the U.S. Armed Forces. We are a veteran-ready company.

In addition to hiring those who have served our military, we're also committed to ensuring they have the tools they need to effectively transition into a successful civilian career. By joining the energy infrastructure industry, they are continuing to serve their country in a different way – by keeping our lights and heat on and our communications connected. As part of our commitment, we will also encourage other companies within our industry to hire America's heroes.

Vector Force Development

Quanta has invested in Vector Force Development, a veteran-owned business, that works to transition military veterans to jobs in the utility industry, whether it be in the field or the office. Vector provides solutions across the entire utility industry, including gas distribution, electric, line worker training, communications, fiber network, program management, safety, quality control, CDL and heavy equipment.

Hiring our Heroes Partnership

Quanta companies have partnered with Hiring our Heroes to further expand our commitment to hiring veterans. The U.S. Chamber of Commerce Foundation's Hiring Our Heroes (HOH) initiative launched in March 2011 as a nationwide effort to connect veterans, service members and military spouses with meaningful employment opportunities. Working with the U.S. Chamber of Commerce's vast network of state and local chambers and strategic partners from the public, private, and non-profit sectors, the goal is to create a movement across America in hundreds of communities where veterans and military families return every day. For more information, visit:

<https://www.hiringourheroes.org/>

[CEWD](#)

[Hiring our Heroes](#)

[Combined Arms](#)

[NextOp](#)

[Texas Veterans Commission](#)

[U.S. Department of Labor](#)

[U.S. Department of Energy](#)

[Veterans in Energy](#)

Commitment to Diversity

We surround ourselves with people who have diverse backgrounds, skills and beliefs, and we know that the more ideas we have included in the conversation, the better the results will be. To that end, we continue to team up with organizations that have the same values that we do and will expand our potential. With that in mind, we are excited about our collaborations with the organizations below.

[The American Associate of Blacks in Energy \(AABE\)](#)

[Associate of Women in Energy](#)

[National Hispanic Corporate Council \(NHCC\)](#)

[Women's Energy Network \(WEN\)](#)

[Texas Diversity Council](#)



Customer Collaborations

SDG 7

With the largest craft-skilled workforce, a best-in-class safety program and unparalleled project execution, Quanta is able to address the needs of any project, anywhere, anytime.

We are the leading specialty contractor with the largest skilled labor force in North America – providing fully integrated infrastructure solutions for the utility, pipeline, energy and communications industries. We self-perform more than 85% of our work, collaborating with our customers to provide cost certainty and safety.

We have had significant collaboration with these customers for more than 20 years.

- Alliant Energy
- Ameren
- aps
- Avangrid
- Bonneville Power Administration
- Con Edison
- Dominion Energy
- DTE
- Duke Energy
- Entergy
- Eversource Energy
- Exelon
- First Energy
- NextEra Energy
- New York Power Authority
- OG&E
- PG&E
- SDGE
- Southern California Edison
- SRP

First Responders Throughout North America

When disaster strikes anywhere in North America, our men and women stand ready to respond. We keep the lights on, heat flowing and communications connected.

From ice storms to hurricanes and wildfires, Quanta Services' emergency restoration team is ready to provide customers with one crew or thousands. Quanta's team of storm assessors are located throughout the United States, are ready to be called to storm sites for assessment and emergency restoration work, and typically deploy within 24 hours.

Once a recovery plan is established, our workforce brings proven crisis management and restoration experience and our nationwide fleet of vehicles mobilizes to set up emergency generators and provide materials needed to restore power.



Quanta deploys thousands of employees to support customers to restore power during weather events.



Giving Back to Our Employee Family

Quanta Cares

Quanta Cares provides confidential, timely, short-term crisis relief for those employees in the Quanta Services family needing assistance with living expenses such as food, clothing, utilities, temporary housing, property repairs and other basic necessities.

Quanta Cares was established in 2017 to help Quanta employees devastated by Hurricane Harvey. Employee donations, matched by Quanta, initially raised \$1.3 million. Donations to the organization have continued to grow to more than \$1.8 million and have been used to benefit employees impacted by other tragic and catastrophic events.

Giving Back to Our Communities

Giving back our time and resources is core to who we are. Quanta is committed to the communities where we live and work, and we embrace a culture where each of us - and our company as a whole - can make a significant impact. We choose our charity partners intentionally, creating long-term partnerships with nonprofit organizations that are truly making a difference and that align with the goals we have as a company.

The decisions we make are motivated by what will benefit our employees, our customers, our shareholders and the communities where we live and work. Our success is driven by the best, most skilled and highly trained workforce in the industries we serve. We never take our success for granted, and so we never take our people for granted.

In 2019, we donated more than \$10 million to non-profit partners and invested a significant amount of volunteer time across North America. Our operating companies also give generously throughout North America. Below are some of our key corporate charity partners.

Junior Achievement

Quanta Services has always been a strong proponent of preparing students for their future careers. Since 2003, our partnership with [Junior Achievement of Southeast Texas](#), with CEO Duke Austin serving as an Executive Committee Board Member, is based around the mutual commitment of excellence, benefiting the needs of our future workforce entrants. Quanta volunteers support Junior Achievement programs that focus on closing the workplace skills talent gap and inspiring students to explore the world of work – establishing a bridge to future career success for more than 100,000 students in the greater Houston area.



Child Advocates

[Child Advocates](#) mobilizes court-appointed advocate volunteers to break the vicious cycle of child abuse. Quanta has worked with this organization since 1999, providing support through both volunteer efforts and monetary donations. This support has helped Child Advocates provide special activities and programs for these children in need, meeting their unique needs and improving their quality of life.

Houston Astros Foundation

The [Astros Foundation](#) is the official 501(c)(3) team charity of the Houston Astros. The foundation seeks to harness the passion of baseball fans to support youth baseball and softball programs, recognize and honor of our nation's military, raise awareness of childhood cancer and reduce homelessness. The cornerstone initiatives of the program align closely with Quanta's own.

Candlelighters

[Candlelighters](#) serves children with cancer and their families at every stage of their journey, with patient coordinators on site at the major hospitals in Houston. Their emotional and financial support extends to families of children on-treatment, long term survivors, adult survivors and those whose child lost their battle with cancer. All of their programs and services are offered at no cost to families of children with cancer -- once a Candlelighters family, always a Candlelighters family.



Quanta collaborated with the Papua New Guinea community to provide work, skills and support.

CASE STUDY

Papua New Guinea Workforce Development

Papua New Guinea is classified by the International Monetary Fund as a developing country. There are 851 known languages, and much of the population comes from poor areas with farming backgrounds.

In 2017, Quanta mobilized a large contingent of specialized pipeline and civil construction equipment and personnel to a key customer in Australia to service local oil, gas and mining projects. Working in partnership with our customer, Quanta has helped benefit the local community through providing work, skills and support.



Quanta mobilized a large contingency of local workforce to support our 2017 project.





CASE STUDY

Indigenous Community Partnerships

Quanta is committed to developing effective partnerships with Indigenous people and providing opportunities to various local stakeholder organizations to participate as employees, subcontractor or service providers.

Through our unique Featherstone Mentorship Program, which engages, develops and employs Indigenous community members, we have achieved more than 28 employment success stories, representing 18 Indigenous Communities – and we've cumulatively achieved more than 20,000 labor hours in the program. We continue to actively recruit from Indigenous areas by working with schools, community job fairs, cultural celebrations and tribal councils.

Environmental Management Policy

SDG **9**

Quanta's enterprise-wide Environmental Management System is compliant with the International Organization for Standardization and the American Petroleum Institute Safety and Environmental Management System Model.

As part of our environmental compliance awareness program, the Quanta team proactively assesses the environmental aspects and risks of its leased and owned facilities and performs site visits to ensure implementation of necessary environmental regulations and recommendations.

Policy Statement

Protecting and responsibly managing natural resources are critical to the quality of life in the areas we serve, the environment in which we live, and the continued success of our company and its operating units. For those reasons, Quanta Services is committed to conducting our business with care and respect for the environment. To fulfill our commitment to the environment, Quanta Services will adhere to the following principles through the development and implementation of our Environmental Compliance Awareness Program (ECAP) for our operations:

Compliance

We will identify applicable environmental laws and regulations and implement programs, policies and procedures to assure compliance.

Prevention

We will employ systems and procedures designed to minimize activities and conditions that pose a threat to the environment. We will strive to prevent unauthorized releases to the atmosphere, land and water. We will ensure the safe treatment and disposal of waste



Continuous Improvement

We will continually review our programs, policies, procedures and behaviors to identify areas in which we can improve our adherence to these principles and our commitment to the protection of the environment.

Communication

We will communicate our commitment to protecting the environment to our employees, contractors, customers and external stakeholders.

For more information, please see

<https://www.quantaservices.com/safety/environment/>

Assets

SDG  

Quanta understands the importance of tracking and managing greenhouse gas emissions and is developing enterprise-wide processes and procedures to collect reliable data from as many emissions sources as practical, including its vehicle fleet.

Fleet / Equipment

- Quanta has begun converting portions of its fleet to LNG and tracking idle time and speed to further reduce emissions, as well as converting our substantial fleet of smaller tools from gas-operated to battery-operated.
- Quanta Services has installed GPS tracking on the majority of our assets, and our goal is to track all on-road assets by 2021. We capture a variety of data related to fleet optimization, including idle time and speed. With this data, we will be able to better analyze usage and set baselines for fleet greenhouse gas emissions – and then set goals to better optimize asset usage and reduce our carbon footprint. In our first three years of tracking idle time and speed, we have seen improvement as awareness increases along with our percentage of tracking.
- A percentage of Quanta's 2020 long-term executive compensation is tied directly to progress in our fleet optimization.

Greening Our Fleet

Quanta began converting our fleet in the State of Washington from diesel to LNG in 2013. Using GHG Protocol to compare diesel emissions to LNG emissions based solely on gallons of LNG fuel consumed, Quanta has reduced emissions by at least 53% in both 2018 and 2019 for the converted portion of the fleet.



Facilities

Our [corporate headquarters](#), located at Williams Tower in Houston, Texas, is a LEED Gold and Energy Star rated building.

Throughout our corporate and operating company locations around North America, we encourage and provide facilities for recycling efforts, both inside facilities and on job sites.

As part of our environmental compliance awareness program, the Quanta team proactively assesses the environmental aspects and risks of its leased and owned facilities and performs site visits to ensure implementation of necessary environmental regulations and recommendations.

Managing Environmental Risk on Projects

SDG  

Quanta has an industry-leading reputation for environmental stewardship during its projects.

Managing environmental risk on projects and helping customers meet their environmental goals and standards is a key part of nearly every job we perform. From the planning phase through construction, we collaborate with our customers to complete projects on time and in compliance with environmental requirements.

Many of the services we provide facilitate efficient and safe delivery of clean energy and the migration towards a lower carbon-emitting economy.



Renewable/Carbon Reduction

Quanta Technology has developed several innovative plans to support utility customers when it comes to renewable energy options, transportation electrification, energy storage, grid modernization, distributed energy resources and grid technology development and deployment.

As achieving societal emissions goals requires increased electrification, which in turn necessitates investments in a resilient, modern grid, we are working with the industry in anticipation of electric vehicle adoption expansion. Quanta Technology continues to highlight issues for utilities and provide solutions, getting in front of changes that electrification could bring to the grid over the next five to 15 years.

Quanta continues to deliver renewable energy projects around the globe, as well as contribute time and financial resources for research and development of low-carbon energies. Quanta also participates in both the [Future Fuels CRC in Australia](#) and the [Australian Hydrogen Council](#).



CASE STUDY

Renewable Electricity Project and World's Largest Battery

Quanta completed Hornsdale Wind Farm, a 315MW renewable electricity project, which is comprised of 99 turbines in Australia. We then constructed the world's largest lithium ion battery, which is connected to the wind farm. Originally constructed at 100MW, the battery was recently upgraded by Quanta to include an additional 50MW of storage power.



CASE STUDY

230kV Project in Florida

SDG 12

Hurricane Michael made landfall in October 2018 near Mexico Beach, Florida. A 230kV 34-mile PX line was damaged beyond repair. In November 2019, Quanta was awarded the job of removing and rebuilding the line in the environmentally sensitive coastal marshes of Florida. Crew members worked six days a week, 12 hours per day, and were able to beat the scheduled three-month completion time with no injuries and no environmental incidents. At the busiest time on the project, we had 220 crew members consisting of wire/tower removal crews, four drilling crews, multiple framing/setting crews, three helicopters, wire crews, one eagle's nest, two boats and well over 10,000 mats.



CASE STUDY

EPC Project in Louisiana

SDG 12

Quanta was awarded an EPC contract in early 2015 for the Lake Charles Transmission Project, where our team rebuilt 15 miles of 230kV, plus 6.8 miles of 500kV transmission lines. This project crossed numerous wetlands and navigable waterbodies in the coastal swamps of Louisiana and was completed with an excellent environmental record.





CASE STUDY

Customer Collaboration for Largest P3 Project in Canada

SDG 12

Quanta partnered with a longtime customer to complete the West Fort McMurray (WFMAC) 500 kV Transmission Line Project, which included more than 310 miles of high voltage transmission line, expansion of the existing Livock substation and construction of the new Thickwood Hills substation, all located in Northcentral Alberta. The project was completed in March 2019, 91 days ahead of schedule. This project also included focus on enhancing Indigenous and community representation, and Quanta won a Top Employer of Indigenous Apprentices Award, primarily for the training program built specifically for WFMAC.

Engaging stakeholders and Indigenous Peoples in genuine, heartfelt dialogue was an important foundation for this project. Throughout the planning phase of the project, we held more than 3,000 face-to-face meetings, engaging with citizens in an open, transparent and honest manner and incorporating the feedback into our route and construction plans.

Alberta PowerLine also undertook extensive consultation with more than 20 Indigenous communities and engaged them as active participants in the project, awarding several contracts that provided an opportunity for jobs, skills training and local economic development. Additionally, centuries-old culture, histories and local knowledge helped us shape the route for the project, as well as and our Caribou Protection Program.

This project was constructed in the peat bogs of the boreal forest, in caribou-protected zones. The construction techniques were chosen to minimize impacts to the environment in these delicate habitats, and was completed with an excellent environmental record.

CASE STUDY

Pipeline Project in Alaska

SDG 12

Quanta repaired a corroded subsea Arctic oil flowline running 18,459 feet from an offshore man-made island to shore facilities on the Arctic coast. This process entailed fabricating and pushing/pulling a new 10.75" pipeline into the corroded 14" pipeline to serve as a replacement flowline, while minimizing production shutdown time. This project was constructed on the seabed of the Arctic Ocean with the purpose of preventing pollution from aging infrastructure and minimizing the environmental impact on the surrounding community.





CASE STUDY

Lazy Q Ranch Wildlife Management Plan

We have completed an extensive wildlife management plan on our 2,300-acre Lazy Q Ranch (which houses the Quanta Advanced Training Center). This plan has enabled the successful reintroduction, breeding and management of Northern Bob White Quail, Rio Grande Turkey and White Tail, as well as other species of native birds, mammals, reptiles and amphibians. Due to the construction of one of several lakes on the property, a pair of Bald Eagles has built a nest on the shores and taken up residence.

The ranch is divided into five habitats and hosts several varieties of rehabilitated natural flora. We work closely with the Texas Parks and Wildlife Department and have secured an MLDP Level 3 accreditation. We are collaborating with their biologists to continue to improve the wildlife habitat on the ranch. We also continue to allow and encourage local farmers to tend the land – in exchange, they provide a percentage of their yearly crop as supplemental wildlife feed.



The 2,300-acre Lazy Q Ranch houses the state-of-the-art Quanta Advanced Training Center.

CASE STUDY

Battery-Powered Tools Initiative

Quanta's sustainability efforts have been greatly enhanced through our partnership with Milwaukee Tools and our use of their battery-powered tool solutions. Since 2017, we have purchased more than 13,000 battery-powered tools through their various product offerings. We estimate 25 to 30 percent of these tools resulted in decreased emissions through direct replacement of gasoline-powered tools, less need for gasoline generators and idling reductions. We anticipate further expansion of our battery-powered equipment portfolio going forward.





CASE STUDY

Micropile Foundation Drills

Quanta has developed foundation installation equipment ideal for environmentally protected sites. The equipment is lightweight and componentized to allow for helicopter transport within national forests and other protected areas where road construction is not permitted. Four-legged leveling platforms support the drill and ancillary equipment, substantially reducing the overall construction footprint.



CASE STUDY

Recycling Electrical Infrastructure Equipment

Quanta has developed an ongoing collaboration with multiple utilities to take down, sort, tag and recycle electrical infrastructure equipment.

This program – conducted at our environmentally compliant facility in Houston, Texas – removes, reclaims and recycles hundreds of old utility poles, along with various pieces of infrastructure equipment, each month. With scrap pipe, we make pad mount transformer supports, re-using the pipe and saving money for the customer.





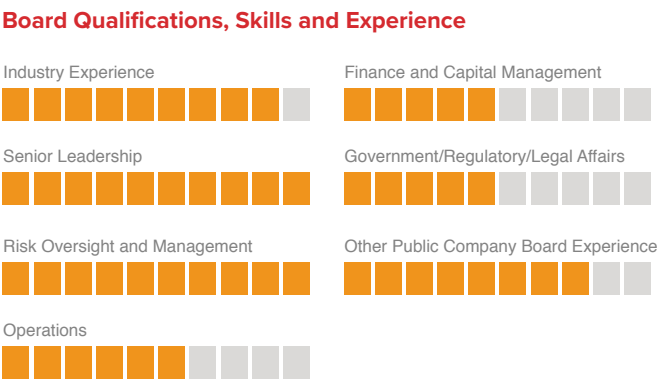
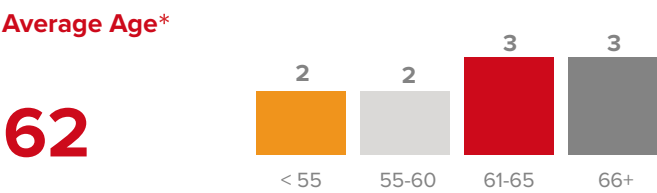
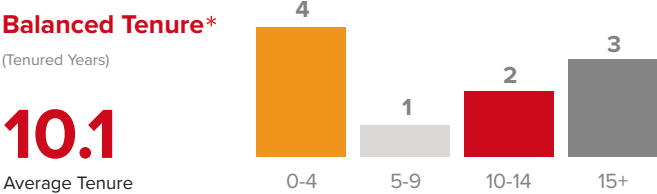
CASE STUDY

Pollinator Habitat Restoration

Quanta works closely with customers on environmental initiatives, including supporting pollinator plantings. In 2019, we helped a key customer restore a 10-acre pollinator habitat around one of their substations.



Board of Directors



Quanta Services Board of Directors

Independence

Quanta’s Board of Directors is comprised of 9 independent directors, along with Quanta’s Chief Executive Officer. Independence is determined within the meaning of the New York Stock Exchange listing standards and Quanta’s Corporate Governance Guidelines.

Quanta Services, Inc. [Board Member Profiles](#) and [Committee Membership](#).

Gender Diversity

Margaret B. Shannon, member of Quanta’s Governance and Nominating Committee and Investment Committee. Martha B. Wyrsh, appointed in October 2019 and member of Quanta’s Compensation Committee and Governance and Nominating Committee.

Independent Chairman

Quanta has had an independent, non-executive Chairman of the Board since 2013. David M. McClanahan, former President and Chief Executive Officer of CenterPoint Energy, Inc., serves as Chairman of the Board.

Annual Election of All Directors

Each director on Quanta’s Board is elected by stockholders annually.

Majority Voting Standard

Directors are elected by a majority of the votes cast with respect to such director in uncontested elections.

Corporate Governance Guidelines

[Quanta Services, Inc. Corporate Governance Guidelines](#)



Board Evaluation Process



Overboarding Policy

Members of the Board must also be willing to devote sufficient time to carrying out their duties and responsibilities effectively and should be committed to serve for an extended period of time. As such, a Board member should not serve on more than three additional public company boards, and a Board member that is a chief executive officer (or equivalent position) with another public company should not serve on more than one public company board in addition to Quanta's Board and their own company board.

Retirement Age

Board members will not be nominated for election to the Board if the election would occur after their 73rd birthday; however, the full Board may make exceptions in special circumstances.

Stock Ownership Guidelines

We maintain meaningful stock ownership guidelines that align our directors' long-term interests with those of our stockholders and discourage excessive risk-taking.

Management

Executive Compensation Tied to Corporate Responsibility

With respect to Quanta's 2019 executive compensation program, 20% of target annual cash incentives were based on Quanta's achievement of measurable safety performance goals.

With respect to Quanta's 2020 executive compensation program, (i) 20% of target annual cash incentives will be based on achievement of measurable safety performance goals and (ii) 20% of performance-based long-term equity incentives will be based on achievement of driving safety and reduction in idle time for equipment.

These performance goals align with enterprise-wide commitment to safety, training and sustainability, as well as customer expectations.

Advisory Vote on Executive Compensation

Quanta conducts an annual Say-on-Pay vote and each annual vote has resulted in greater than 92% approval, including over 97% approval in 2019.

Stock Ownership Guidelines

We maintain meaningful stock ownership guidelines that align our executives' long-term interests with those of our stockholders and discourage excessive risk-taking.



Sustainability Leadership and Oversight

SDG 16

Diverse and Experienced Board Oversight

Quanta's full Board of Directors oversees an enterprise-wide approach to risk management, designed to support the achievement of long-term organizational objectives and enhance stockholder value. The annual enterprise risk management assessment, managed by Quanta's Chief Executive Officer, General Counsel, Chief Accounting Officer and Chief Financial Officer, provides visibility to the Board about the identification, assessment, monitoring and management of critical risks and management's risk mitigation strategies. In this process, risk is assessed throughout the business, including operational, financial and reputational risks, legal and regulatory risks and data and systems security risks. A component of the Board's oversight function is not only understanding the risks the Company faces and what steps management is taking to manage those risks, but also understanding what level of risk is appropriate for Quanta. The involvement of the full Board in setting Quanta's business strategy, both short-term and long-term, is a key part of its understanding of Quanta's risks and how those risks may evolve in response to changes in strategy or business environment, and what constitutes an appropriate level of risk for Quanta.



Governance and Nominating Committee

Quanta's Governance and Nominating Committee is specifically responsible for reviewing and discussing with management environmental, social and governance matters and reviewing public reporting on corporate responsibility and sustainability.

Experienced and Dedicated Management Committee

Corporate responsibility and sustainability matters are overseen by a cross-functional committee comprised of senior management personnel and subject matter experts that reports directly to, and receives direction from, Quanta's Chief Executive Officer and Chief Financial Officer.



Policies and Programs

SDG **5** **8** **10** **16**

Code of Ethics

Quanta's [Code of Ethics and Business Conduct](#) requires that all employees act ethically and includes requirements concerning general business ethics, including policies concerning the environment, conflicts of interest, anti-corruption, harassment and discrimination, data security and privacy, and insider trading.

Anti-Bribery & Corruption Policy

Quanta's Anti-Corruption Compliance Policy requires that all employees comply with relevant anti-corruption laws and includes guidance and requirements concerning, among other things, interactions with government officials; provision of gifts, entertainment and hospitality; due diligence on certain high-risk service providers; and charitable and political contributions.

Training on the Anti-Corruption Compliance Policy is conducted as part of the Company's comprehensive ethics and compliance training program.

Supplier Review Procedures

Quanta requires that certain high-risk suppliers and service providers undergo pre-engagement due diligence and training.

Data Protection & Privacy Policy

Quanta's [Global Online Privacy Policy](#) explains how Quanta collects, uses, discloses, and secures personal information through our website or any social media page we maintain.

Certain of Quanta's operating units maintain data privacy and protection policies where appropriate or required, and Quanta is in the process of designing and implementing an enterprise-wide data protection and privacy policy.

Human Rights Policy

Quanta maintains a formal [Human Rights Policy](#) and is committed to respecting and promoting human rights for all its employees, affiliates and partners, in accordance with the United Nations Guiding Principles on Business and Human Rights, the International Labor Organization's Declaration on Fundamental Principles and Rights at Work and by the laws of the United States relating to human rights.

Stakeholder Engagement

SDG **16**

Quanta welcomes and values communications from all stockholders and other interested parties.

We conduct an annual stockholder engagement program focused on governance- and compensation-related topics, including board structure and oversight of strategy and risk, executive compensation, equity incentive compensation grant practices and corporate responsibility and sustainability. During 2019, in connection with this new program, we contacted stockholders representing greater than 40% of our outstanding common stock as of December 31, 2019.

Engagement Cycle



Members of our management have also historically engaged in extensive investor outreach on a variety of financial and operational topics, including long-term strategy, capital allocation priorities and industry dynamics. In a given year, we have numerous interactions with stockholders and members of the investment community on these matters and host or participate in various investor conferences and events.

Contact Info

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Quanta Services has been built on a history of strong, innovative and entrepreneurial **leaders.**

Earl C. (Duke) Austin, Jr.
President, Chief Executive Officer
and Chief Operating Officer

Doyle N. Beneby
Board of Directors

Derrick A. Jensen
Chief Financial Officer

J. Michal Conaway
Board of Directors

Paul Gregory
President, Pipeline and Industrial
and Chief Strategy Officer

Vincent D. Foster
Board of Directors

Donald Wayne
EVP, General Counsel

Bernard Fried
Board of Directors

Jayshree Desai
Chief Corporate
Development Officer

Worthing F. Jackman
Board of Directors

Redgie Probst
President, Electric Power

David M. McClanahan
Board of Directors

Jerry K. Lemon
Chief Accounting Officer

Margaret B. Shannon
Board of Directors

Dorothy Upperman
Vice President – Tax

Pat Wood, III
Board of Directors

Nicholas M. Grindstaff
Vice President – Finance
and Treasurer

Martha B. Wyrsh
Board of Directors





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