Working to Solve Social Issues

Providing Energy for the Pursuit of Happiness

KPI	FY2024*1	FY2031*2
Sales of stationary storage batteries that support clean energy	**1.9**	4.0
Sales of healthcare storage batteries that support everyday life	**0.7**	2.4
Sales of dry batteries that provide support in emergencies*2	**1.2**	2.2
Sales of batteries that protect the security of mobility*3	**1.1**	8.2

*1 Sales volume with fiscal 2022 set as 1
*2 Sales in the three key regions
*3 Automotive batteries excluding those for drive applications

Policy

Electrical supply and power sources serve as the foundation for convenient, comfortable, safe, and secure lifestyles, which is why securing these has become an indispensable part of contemporary society. With a focus on building a better world through electricity, Panasonic Energy genuinely confronts the environmental issues being faced throughout the world, and continues to undertake the further challenge of engaging in businesses centered on batteries to realize a society in which enriched lifestyles and a sustainable environment are harmonized free of conflict.

As an example of these efforts, we support safe, secure social infrastructure that remains active even in the event of disasters and other emergencies, and contribute to sustainable urban development with the inclusion of disaster prevention. In addition, we contribute to solutions for hunger and poverty by supplying energy to regions without electricity. To enable these efforts, we will continue to undertake the challenge of developing world-first and one-of-a-kind technologies, and to encourage innovation.

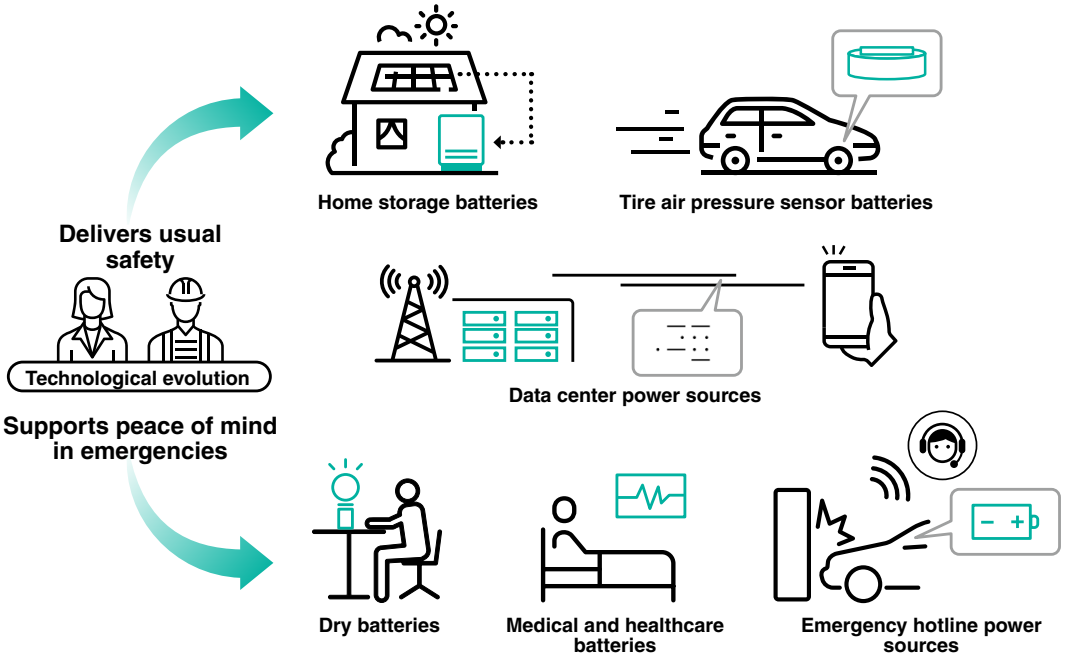
Social contribution through business activities

We also contribute to the happiness of people's lives in a wide range of fields.

The Energy Solutions Business Division provides high-quality, high-capacity Li-ion batteries and storage battery systems for stationary power sources, which are used as data center power sources that enable stable operations 24 hours a day, 365 days a year, and as home storage batteries that support the efficient use of electric power. In addition, these batteries have also been adopted for various healthcare devices that assist in aspects of medicine and everyday life requiring stable operations. In this way, these products support social infrastructure, and contribute to the expansion of clean energy and to lasting health for people.

The Energy Device Business Division provides high durability, high reliability batteries as power sources for automobile tire air pressure sensors and emergency hotlines, which help deliver peace-of-mind for mobility. Moreover, the Division's dry batteries go beyond serving as more than common daily necessities as they play an important role in supporting lifelines as reserve stocks in the event of an emergency. Social contributions made through these businesses are supported by technological developments that pursue safety and security. For example, we achieve high-quality for our Li-ion batteries by employing safety technologies that rely on separators with high heat resistance, as well as by implementing uncompromising control of manufacturing processes through the establishment of strict design control standards. In addition, we enable long storage lives for our dry batteries using our proprietary "battery leakage preventing manufacturing process Ag+," which utilizes a silver compound for the cathode materials.

We will continue to provide the driving force for the advancement of society through tireless technological evolution.



Social contribution activities

We engage in a wide range of social contribution activities for the varying challenges and demands of each region and country. In the following pages, we will introduce several examples of our initiatives.

Contributing to safe and secure lifestyles

1. Supporting the improvement of living environments in India

Each year, our India site conducts support activities with the goal of bettering living environments in the region. In fiscal 2024, we supported the expansion of an examination room at a public hospital to improve the health of people in the community where our site is located. We also undertook activities to build bright and safe public restrooms with photovoltaic power generation in the communities where our company's site is located.

Furthermore, we are working to improve the educational environment for children and have supported local schools by donating study desks, upgrading school lunch facilities, paving school grounds, and improving schoolyards in fiscal 2024.

We will continue to create an environment that allows local residents to live in peace and children to grow up healthy.

Photovoltaic-powered public restrooms

Donations to local schools

2. Supporting the livelihoods of senior citizens in China

At our sites in Wuxi and Suzhou, China, our employees support senior citizens during the Chrysanthemum Festival in October each year, which is part of China's Respect-for-the-Aged Day. In fiscal 2024, a total of approximately 90 employees attended this activities.

As one example of our initiatives, we visited the homes of senior citizens living alone in the community and utilized our knowledge of electricity to check any problems that they may have there. In any hazards that were identified, we donated and even installed electrical outlets and non-slip handrails manufactured by the Panasonic Group. Furthermore, we also visit local nursing homes to donate daily necessities.

In addition to our business activities, we contribute to the creation of a safe and secure society for everyone of all ages.

Patrol activities for senior citizens living alone

Visiting a nursing home

3. LIGHT UP THE FUTURE

The Panasonic Group is working as a unified entity on the LIGHT UP THE FUTURE project to illuminate the future of regions without electricity. In collaboration with NGOs, NPOs, international organizations, and various other partners, this project delivers light using renewable energy to local regions, and contributes to the building of a sustainable society free from poverty through support programs.

Through this project and its predecessors, we delivered a total of nearly 120,000 solar lanterns made by Panasonic Energy to regions in Asia, Africa, and elsewhere without electricity from fiscal 2010 to fiscal 2023.

By replacing kerosene lamps with solar lanterns, we are reducing CO_2 emissions as we help to prevent fires and mitigate the health impacts of smoke.

The light from these solar lanterns also enables learning, medical activities, and manual labour at night, thereby helping to create opportunities for education, health, and higher incomes. Moreover, these reliable light sources also help invigorate family time and community.

Utilization of solar lanterns

The funds for providing these solar lanterns came from donations collected through the AKARI Action Project, which calls for support among employees and citizens, as well as from funds collected through the donation of used books and recycled items.

In order to support and transform society through the provision of energy, we will continue to contribute to regions without electricity.

AKARI Action Project
https://holdings.panasonic/global/corporate/sustainability/citizenship/lutf/akari.html

Disseminating science and fostering the next generation

1. Battery and Necklight School, Factory Tours

Panasonic Energy has contributed to local communities through educational activities on the types, history, and proper ways of using batteries. Since 1966, we have organized battery workshops and factory tours as educational programs to extend classroom learning covering science, social studies, environmental studies, and other subjects. Following the Great East Japan Earthquake, we also planned and organized Necklight School in support of recovery efforts, and have continued to engage in activities around Japan that convey the value and importance of batteries and light during the many earthquakes, typhoons, and other disasters.

Since 1995, we have expanded the region covered by our Visit Battery School first held at elementary schools in Osaka prefecture. And to enable as many children as possible to participate in the Company's Battery School, in 2002 we began holding Remote Battery School (renamed Online Battery School in July 2022) using teleconferencing systems. These later workshops entered their 20th year in September 2022.

Since 2007, we have also held these workshops globally in Thailand, Iran, Australia, Myanmar, Tanzania, and elsewhere a total of 153 times. (Held 40 times on-site and 113 times online as of September 2023)

We have also undertaken the role of delivering the light of hearts to bring smiles to children. Currently, we are incorporating a broader range of course content that includes the environment, the Sustainable Development Goals (SDGs), and disaster prevention. And we will continue to engage in this project as an activity that embodies energy in the pursuit of happiness.

Factory tours and hands-on learning intended to teach about and provide experience on batteries
https://www.panasonic.com/jp/energy/study.html

Visit Battery School

Online Battery School

Global Battery School for regions without electricity (Myanmar)

Cumulative number of participants at factory tours and battery schools (as of March 31, 2023)

Factory tours

1,020,511 persons

Battery schools

Japan	Overseas
195,227 persons	5,466 persons

Participant feedback

Teachers

" I became familiar with Japan and batteries through the workshop. And I really enjoyed the class."

" This program was my only opportunity to make a dry battery. And it was a great hands-on opportunity to learn about science and the environment."

Children

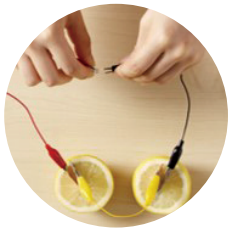
" I want to make life better and the environment more beautiful using batteries."

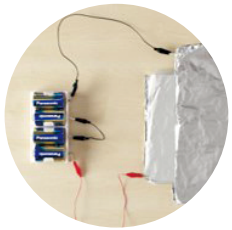
" I didn't really like science before, but now I want to study more and become a battery scientist."

" We were so overjoyed by the opportunity given by Panasonic and we are very grateful for them giving us a chance."

2. Battery Education Academy

Through our website, we have made our Battery Education Academy publicly available for all to learn about batteries and their close connections with everyday life. The site provides easy-to-understand explanations regarding experiment methods for making batteries from everyday objects, as well as knowledge on using batteries safely. Along with videos on making batteries from fruit and capacitors from aluminum foil, the site is full of text-based content explaining the detailed mechanisms behind these.





We will continue to communicate these activities in a way that fosters the desire among children to ask why and to learn more with a sense of wonder.

Battery Education Academy
https://www.panasonic.com/global/energy/study/academy.html

3. Work Experience & Career Education

As an activity intended to help foster work ethics and professionalism through work experience, since 2008 we have offered the Work Experience & Career Education program for elementary school students. As part of this program, Panasonic Energy employees in various occupations act as lecturers and hold classes to convey the fun and satisfaction of work. In light of today's situation where the use of ICT is becoming a normal part of every corner of society, this activity is primarily held online as part of the GIGA School Program administered by the Ministry of Education, Culture, Sports, Science and Technology (MEXT) to ensure one device for each student. In this way, we actively engage in efforts while collaborating with the government and local authorities to teach about society and foster the capability of children to remain relevant in the society of the future.

Work Experience & Career Education

4. Contributing to STEM education in the United States

Our North American sites have been contributing to the dissemination of Science, Technology, Engineering, and Math (STEM) knowledge to a broad cross-section of the local community.

For example, in Reno, where our Nevada Factory is located, we jointly established the Advanced Manufacturing Training Center with Truckee Meadows Community College (TMCC) to develop the community through the development of STEM human resources.

Reaching out to young women is also seen as the key to spreading greater knowledge in STEM fields. With this in mind, we launched a Clean Energy and Manufacturing workshop for local Girl Scout children in 2024 to get those interested in the field at an early age.

At the workshop, a female employee of the Company served as the instructor. She used a model to teach the children how batteries work and shared with them the excitement and satisfaction of her work as a woman actually working in STEM fields.

By further accelerating these efforts, we will contribute to the sustainable development of society through the dissemination of science and the nurturing of the next generation.

Our employee acting as an instructor and a child learning how batteries work