

Taipower Sustainable Development Plan

Taipower has long used its Sustainable Development Plan to map out five sustainability themes as the driving direction and action blueprint for promoting sustainability. To further strengthen sustainability governance, Taipower continued to refine its sustainability policies and management mechanisms in 2025 and established a Sustainable Development and Risk Management Committee at the Board level to enhance oversight of sustainability issues, risk management, and target implementation. Based on the "Taipower Indicators and Targets" reported to the Board of Directors for reference, Taipower has built a sustainability management framework centered on quantitative indicators. This framework translates strategic priorities into measurable and trackable KPIs, while aligning with TCFD, IFRS S1/S2, and competent authority policy requirements to ensure continuity, governance consistency, and comparability of sustainability disclosures.

E Environmental

Sustainability Issue	Sustainability Action	Indicator	2025 Performance	2025 Target	2027 Target	2030 Target	SDGs	T-SDGs
Responding to Climate Change	Expanding renewable energy ^{Note1}	Cumulative offshore wind capacity Cumulative solar power capacity	109.2MW 292.2MW	403.7MW 313.7MW	527.5MW 356.79MW	775.5MW 383.7MW		
	Introducing emerging decarbonization technologies ^{Note1}	Hydrogen co-firing technology	AE technical service contract awarded for the MW-level hydrogen co-firing power generation system procurement project Taichung Power Plant Pilot Test Project	Procurement contract awarded for the MW-level hydrogen co-firing power generation system	Ignition completed for the MW-level hydrogen co-firing power generation system	Co-firing ratio to be evaluated based on domestic hydrogen supply and storage technologies	7	T-SDG 7:Ensure access to affordable, reliable, sustainable and modern energy for all.
		CCS pilot site	- Carbon capture: detailed design and construction application completed - Carbon storage: building permit application filed	- Carbon capture: on-site construction - Carbon storage:building permit application filed	- Carbon capture: 2,000 tons/year - Carbon storage: injection well drilling	Total storage volume of 4,000 tons for injection testing and monitoring	13	T-SDG 13:Take urgent action to combat climate change and its impacts.
	Climate change adaptation ^{Note2}	Parallel adaptation work	Research on distribution system climate adaptation initiated	Research on distribution system climate adaptation initiated	Climate risk assessment for distribution system equipment based on rapid screening	Autonomous climate adaptation management capabilities established for generation, transmission, and distribution systems		
	Reducing pollution emissions	Reduction in air pollutant emission intensity compared with 2016 Wastewater recycling rate at thermal power plants	Down 72.5% 81%	Down 70% 80%	Down 72% 80%	Down 75% 85%	4	T-SDG 4:Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.
Safeguarding Environmental Quality	Strengthening environmental education	Promotion of environmental education facilities and venues	16,535 participants	8,000 participants	10,000 participants	12,000 participants	12	T-SDG 12:Ensure sustainable consumption and production patterns.
	Resource circulation and reuse	Five major circular economy business models	Road paving plan using coal bottom ash in micro-surfacing asphalt concrete implemented	Road paving plan using coal bottom ash in micro-surfacing asphalt concrete implemented	Two circular reuse plans for retired power generation materials and equipment proposed	One circular economy demonstration project completed	13	T-SDG 13:Take urgent action to combat climate change and its impacts.
Creating Ecological Integration	TNFD	TNFD framework disclosure progress	First TNFD disclosure in the Sustainability Report	First TNFD disclosure in the Sustainability Report	Dedicated section on phased TNFD implementation results	Independent TNFD report		T-SDG 14:Conserve and sustainably use the marine ecosystems to prevent the degradation of marine environment.
	Ecological integration plan	Ecological integration plans for power facilities	Dajia River Power Plant ecological integration plan completed	Dajia River Power Plant ecological integration plan completed	Zhuolan Power Plant ecological integration plan completed	Wanta Power Plant ecological integration plan completed	14 15	T-SDG 15:Conserve and sustainably use terrestrial ecosystems to ensure the persistence of biodiversity and prevent land degradation.

Note: 1. MOEA net-zero emissions item.

2. Parallel adaptation work for the power generation and transmission/transformation systems was completed in 2023 and 2025, respectively.

S Society

Sustainability Issue	Sustainability Action	Indicator	2025 Performance	2025 Target	2027 Target	2030 Target	SDGs	T-SDGs
Deepening Social Care	Public welfare activities	People reached by social care activities	58,000 people	55,000 people	56,000 people	56,000 people	1	T-SDG 1:Strengthen social care services and economic security for the disadvantaged.
		Assistance fund investment and beneficiary townships/districts	NT\$2,937.17 million; 126 townships/districts	NT\$3,269.10 million; 126 townships/districts	NT\$3,269.10 million; 126 townships/districts	NT\$3,269.10 million; 126 townships/districts	11	T-SDG 11:Make cities and human settlements inclusive, safe, resilient and sustainable.
Disseminating Energy Knowledge	Power education and communication activities	People reached by online promotions	Annual reach: over 46.44 million people	Annual reach: 28.09 million people	Annual reach: 28.09 million people	Annual reach: 28.10 million people	4	T-SDG 4:Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.
	On-site experience and communication	People reached through on-site outreach	Annual reach: over 450,000 people, including 1,343 energy-saving seminars with approx. 150,000 participants	Annual reach: 400,000 people, including 1,200 energy-saving seminars	Annual reach: 400,000 people, including 1,200 energy-saving seminars	Annual reach: 400,000 people, including 1,200 energy-saving seminars	7	T-SDG 7 : Ensure access to affordable, reliable, sustainable and modern energy for all.
Building a Happy Electricity Industry	Occupational safety	Employee injury frequency rate	0.09	≤ 0.17	≤ 0.14	≤ 0.1		
		Contractor worker injury frequency rate	0.32	≤ 0.27	≤ 0.23	≤ 0.18		
	Human rights concerns	Turnover rate, excluding retirement and other specified reasons	1.55%	≤ 3%	≤ 3%	≤ 3%	4	T-SDG 4:Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.
		Supplier human rights due diligence progress and coverage	Supplier human rights questionnaire conducted, assessment directions and targets established and integrated into the Materials Supply Chain Sustainability Questionnaire	- Incorporate supplier human rights issues into the Materials Supply Chain Sustainability Survey - Conduct a preliminary assessment and analysis of supplier human rights issues	Review coverage expanded to 130 suppliers in line with the materials sustainable supply chain initiative	Human rights focus areas expanded in line with the Company's sustainable supply chain progress	8	T-SDG 8:Promote sustained, inclusive and sustainable economic growth, full and productive employment, and decent work for all.
		Employment ratio of employees with disabilities	3.25%	≥ 3%	≥ 3%	≥ 3%		
		Average learning hours per employee	58.61 hours	≥ 30 hours	≥ 30 hours	≥ 30 hours		

Note: 1. The number of participants reached through social care initiatives includes: the Taiwan Power Association (scholarship recipients); the Public Service Department (Seeds of Hope and elderly care programs); the Department of Human Resources (Taipower Sports Teams' Care Initiatives, including the FUN Power Camp, Care Train, and Taipower Cup ball games); and the Secretariat Department (Taipower Volunteer Group).
2. Cumulative action figures are calculated using 2020 as the baseline year.
3. Average employee learning hours include internal and external training programs and online learning.

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Sustainability Issue	Sustainability Action	Indicator	2025 Performance	2025 Target	2027 Target	2030 Target	SDGs	T-SDGs
Preserving Taipower's Power Industry Cultural Assets	Cultural artifact inventory	Tracing the development of the electricity industry	400 artifacts inventoried, 25 oral history interviews	400 artifacts inventoried; 12 oral history interviews	400 artifacts inventoried; 12 oral history interviews	Cumulative inventory of 2,400 artifacts, and a cumulative 72 oral history interviews	4 11	T-SDG 4:Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all. T-SDG 11:Make cities and human settlements inclusive, safe, resilient and sustainable.
	Cultural artifact collection	Shared access to power industry cultural assets	Power Industry Cultural Collection website visits exceeded 55,000	Archive website visits to exceed 50,000	Archive website visits to exceed 55,000	Cumulative archive website visits exceed 350,000		
	Cultural asset activation and application	Diversified cultural asset activities	8 Zhuoshui River Hydropower Industry Cultural Walking Tours, mainly featuring Mingtan, Takuan, and Wanta Power Plants	8 Zhuoshui River Hydropower Industry Cultural Walking Tours, mainly featuring Mingtan, Takuan, and Wanta Power Plants	At least 8 cultural route or related activities	Cumulative total of at least 25 cultural routes or related activities		

Note: Cumulative action figures are calculated using 2020 as the baseline year.

G Governance and Economic

Sustainability Issue	Sustainability Action	Indicator	2025 Performance	2025 Target	2027 Target	2030 Target	SDGs	T-SDGs
Ensuring a Stable Power Supply Note1	National outage duration, SAIDI	Power supply reliability, SAIDI	14.874 minutes/household/year	16.3 minutes/household/year	15.95 minutes/household/year	15.90 minutes/household/year	7	T-SDG 7:Ensure access to affordable, reliable, sustainable and modern energy for all. T-SDG 8:Promote sustained, inclusive and sustainable economic growth, full and productive employment, and decent work for all.
	AMI smart meters	Smart meter deployment	4.107 million households	4.00 million households	5.20 million households Note3	6.00 million households		
Strengthening Grid Resilience Note2	Smart grid	Participation capacity in demand response programs (GW)	3.66GW	2.8GW	2.8GW ^{Note3}	3.0GW	7	
		Automated switches incorporated into monitoring	Increased by 2,949 units	Increased by 1,500 units	Increased by 1,500 units	Increased by 1,500 units	9	

Note: 1. Corresponds to T-SDG 8: Promote inclusive and sustainable economic growth, enhance labor productivity, and ensure decent employment opportunities for all.
2. Based on the *Approved Smart Grid Master Plan* issued by the Executive Yuan in February 2020.
3. This is an estimated figure and has not yet been approved by the Ministry of Economic Affairs.

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Refining Sustainability Information Disclosure	TCFD	TCFD framework disclosure progress	- Completed a pilot financial quantification of climate-related risks and opportunities aligned with the IFRS S2 framework - Incorporated major climate risks identified under TCFD into annual ERM risk identification	- Continue to pilot financial quantification of climate-related risks and opportunities - Promote integration of climate risks into the Company's ERM management mechanism	- Conduct financial quantification of climate-related risks and opportunities under the IFRS S2 framework - Establish an IFRS S2 disclosure simulation and disclosure process	- Fully disclose climate-related risk information each year under IFRS S2 - Continue to refine the quality of climate-related financial disclosures		
	IFRS S1 and S2	IFRS S1/S2 alignment and reporting progress	- Monitored international sustainability disclosure trends - Advanced IFRS S1/S2 alignment preparation	- Continued monitoring of disclosure trends - Advanced IFRS S1/S2 alignment preparation	- Introduce IFRS S1/S2 in accordance with MOEA planning - Prepare for 2028 reporting	- Annual disclosure under the IFRS S1/S2 framework - Continued improvement in sustainability information quality	12	T-SDG 12:Ensure sustainable consumption and production patterns.
	Chief Sustainability Officer (CSO) Alliance tasks	CSO Alliance participation and initiative results	- Convened CSO meetings - Reviewed and promoted priority tasks	- Participated in drafting incentive guidelines and completing the trial - Promoted priority tasks	- Disclose Alliance results in the Sustainability Report - Participate in incentive evaluation	Continue sustainability initiatives under MOENV CSO Alliance planning	13	T-SDG 13:Take urgent action to combat climate change and its impacts.
Sustainable Supply Chain							17	T-SDG 17:Establish diversified partnerships and work together to advance sustainable visions.
	Supply chain promotion	Supplier review coverage	- Completed 98 written supplier reviews and 76 carbon data collection surveys - Identified 15 high-risk suppliers,with follow-up improvement recommendations and guidance to be provided	Sustainability reviews and carbon disclosure questionnaires for 80 qualified suppliers	Sustainability reviews and carbon disclosure questionnaires for all qualified suppliers	Conduct sustainability reviews and carbon disclosure questionnaires every two years	8	T-SDG 8:Promote sustained, inclusive and sustainable economic growth, full and productive employment, and decent work for all.
							12	T-SDG 12:Ensure sustainable consumption and production patterns.

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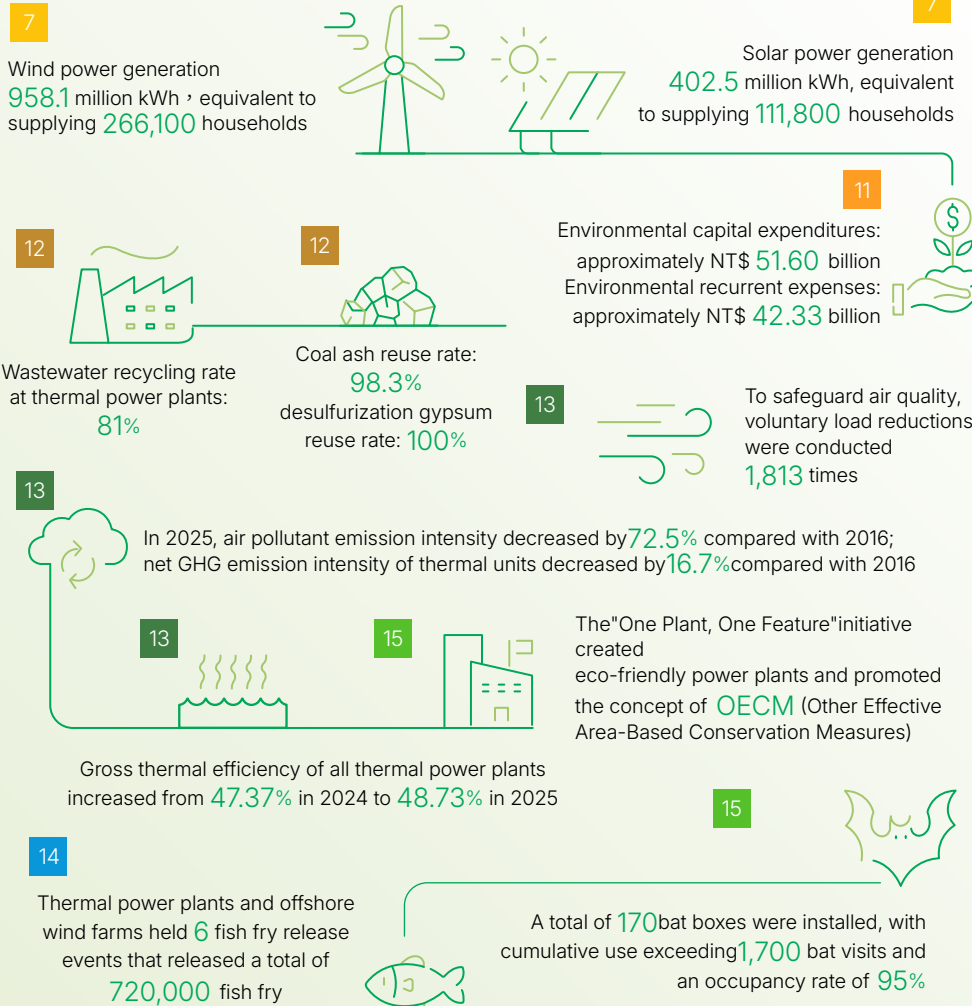
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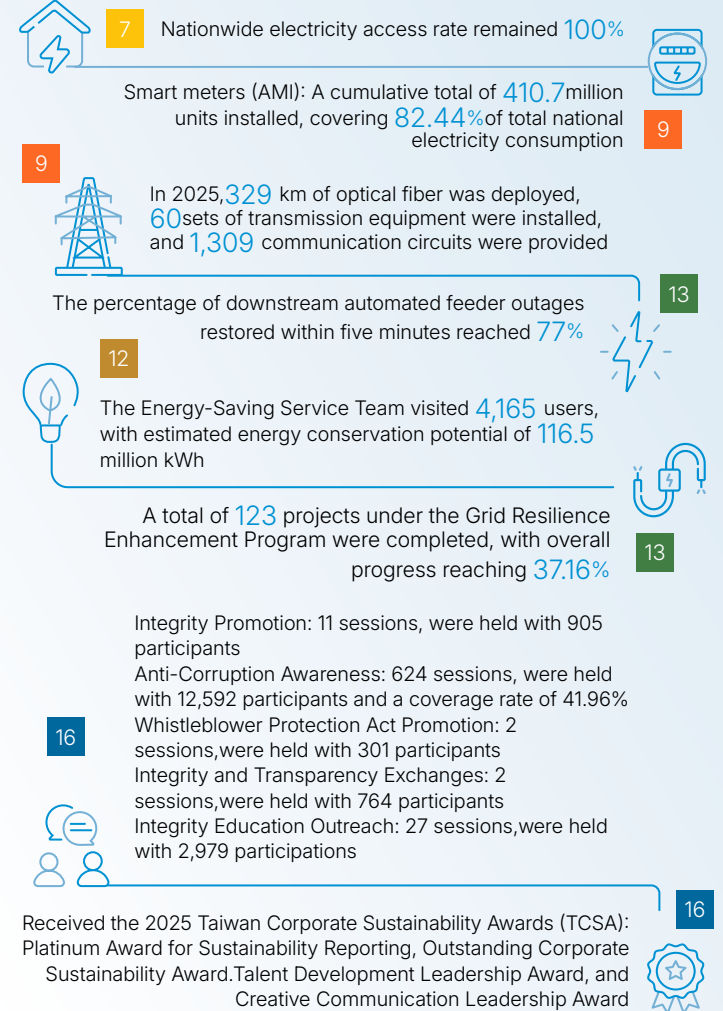
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Taipower's Sustainability Performance and Alignment with the SDGs

Environmental Performance Highlights



Governance and Economic Performance Highlights



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Social Performance Highlights



1

Cumulative investment of NT\$ **2.884** billion in the Power Development and Assistance Fund



3

68 units are staffed with contracted physicians and **69** units are staffed with nursing personnel, providing health services

4



D/S ONE attracted over **450,000** cumulative visits and received Silver Award from the **American Alliance of Museums MUSE Awards** and the "**Best Popular Brand**" recognition at the 22nd National Brand Yushan Awards

4

The Taipower Video Channel surpassed **10** million cumulative YouTube views in 2025; the Taipower Facebook page has over **280,000** followers, with annual reach exceeding **40** million in 2025



7

In 2025, electricity assistance for remote areas and disadvantaged groups reached **199,460** household-times



8

The gender pay ratio, based on employees holding equivalent positions and job grades, is **1:1** for both general employees and management-level employees



8

99.5% of employees were covered under collective agreements in 2025



8

Training participation totaled **128,000** participants; safety and health training reached **62,000** participants, and contractor safety and health awareness sessions reached **38,000** participants



11

Completed the inventory of **31** volumes of historical documents, inventoried, cataloged, and digitized over **400** cultural artifacts, added **450** new artifacts to the collection, and completed supplementary interpretive metadata for **596** artifacts



11

Approximately **4,300** community engagement cases were handled in 2025, with around NT\$ **100** million contributed in community donations

Organized **16** Zhuoshui River Hydropower Industry Cultural Walking Tours, with 270 participants

11

Organized "Care Train" events at **18** schools, the Taipower Cup Volleyball Championship across 3 counties/cities with 41 teams, the Taipower Cup Football Invitational with 20 teams, and the Taipower Cup Basketball Invitational with 10 teams