

2023

NORTH-STAR INTERNATIONAL CO., LTD.

Investor Conference

Stock Code: 8927



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Green Energy Strategy & Outlook

ESG

North-Star Business

Green Energy

Solar Energy, Energy Storage, EV Charging Station & Model T Distribution, and Renewable Energy Trade & Certificate.



267MW fishery and energy symbiosis, 99.5MW ground-mounted photovoltaic, and 11.5MW roof-mounted photovoltaic.

5MW of Energy Distribution Sites locate Respectively in Dalian, Pingtung and Wanxing & Beimen, Kaohsiung. 170MW of Energy Transmission Site in Kaohsiung.

TAIL-85 Superchargers & 10 AC Chargers
Global Tron E-Pass –Model T Distribution

Santi P-Monster

Petrol Station

Mainly engage in the operation of CPC or Formosa to provide petrol refueling and auxiliary product sales.



Car Service Station

Full car wash & waxing and self-service ones.

Real Estate

New petrol station planning, residential development and parking lot setting.



Solar Energy

- Land development and integration
- Power plant establishment
- grid connection application
- PV plant construction EPC
- PV plant operation and maintenance
- Renewable Energy Trade
- Corporate electricity planning



Energy Storage

- Transmission-grade
- Distribution-grade
- Energy storage installation for large electricity consumers
- Power demand management and operation services



EV Charging Station & Model T Distribution

- Charging equipment sales
- Engineering installation
- Software operator
- Exclusive distribution for Model T

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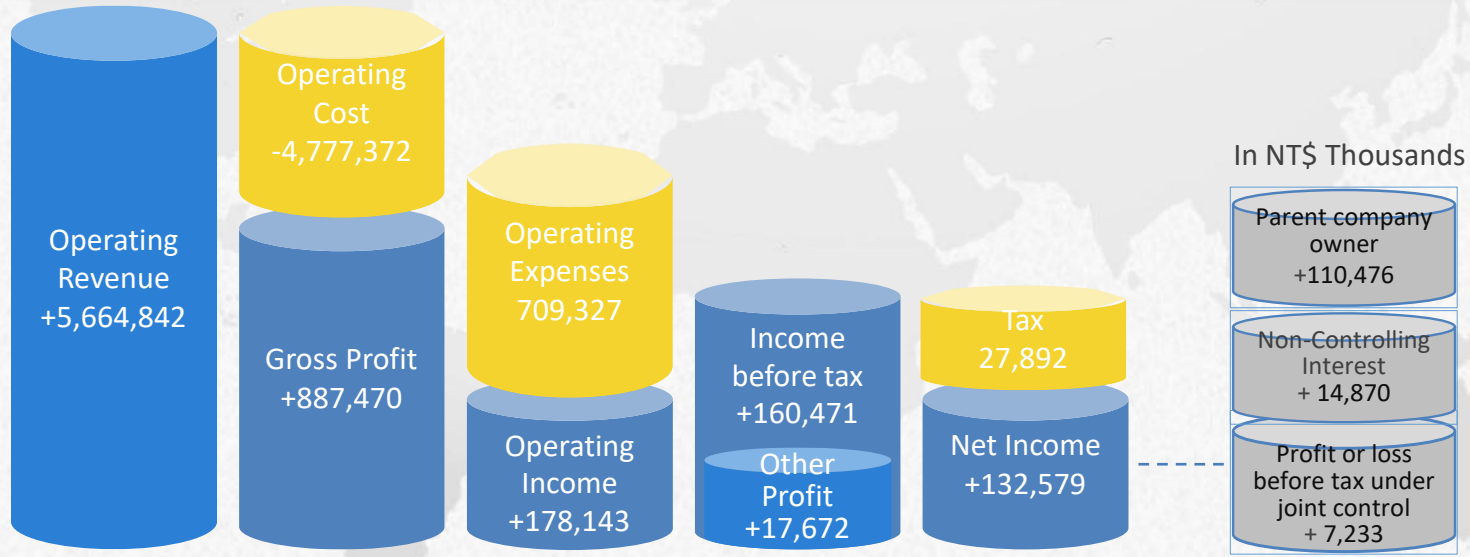
2023 Q1~3 Statement of Comprehensive Income (Consolidated)

Operating Revenue
▲ 13%
 (YoY)

Gross Profit
▲ 42%
 (YoY)

Net Income
▲ 9%
 (YoY)

EPS
▼ 0.14
 (YoY)



2022 Q3 Balance Sheet (Consolidated)

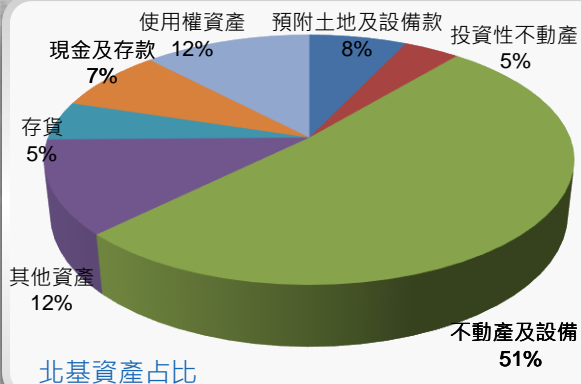
Assets

24,122,726

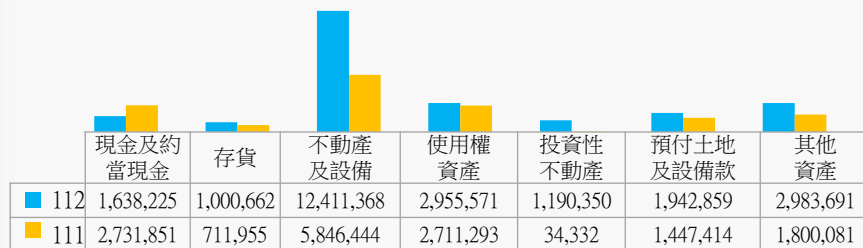


+ 58%

(YoY)



In NT\$ Thousands



Liabilities

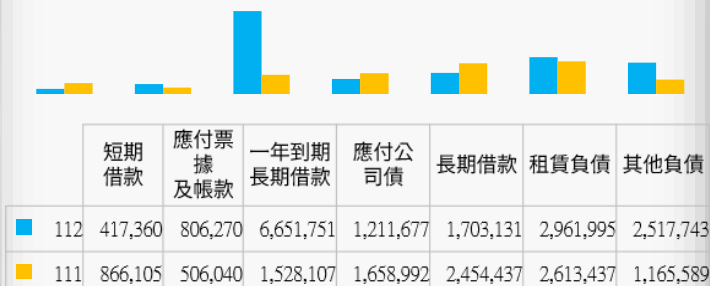
16,269,927



+ 51%

(YoY)

In NT\$ Thousands



Stockholders' Equity

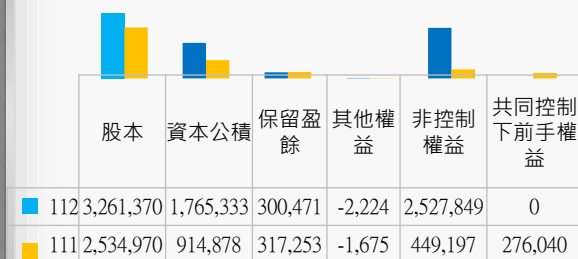
7,852,799



+ 75%

(YoY)

In NT\$ Thousands



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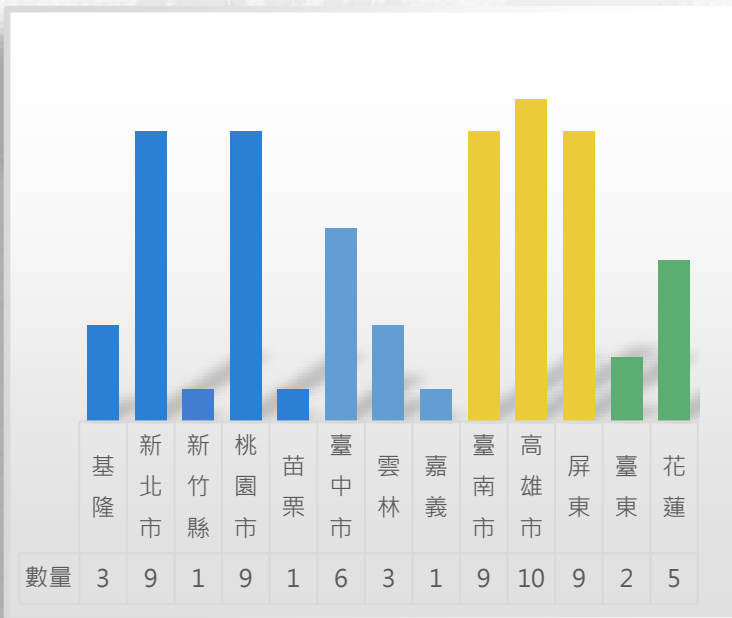
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Petroleum Station Operation Review and Future Prospects



■ North Dist. 23 qty
 ■ Middle Dist. 10 qty
 ■ South Dist. 28 qty
 ■ East Dist. 7 qty

01

Market Share

There are 2,508 petroleum stations by Oct., 2023 in Taiwan, and North-Star has 72 ones in operation. It holds 2.9% market share.

02

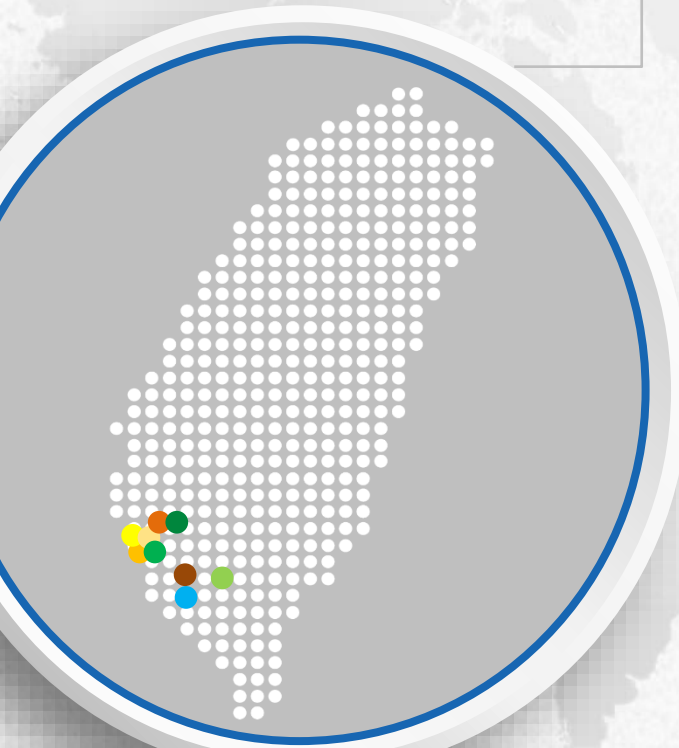
Current Franchise & Additional Station

4 New stations had been established in 2022. Now 68 station operates, inc. 64 stations of CPC and 8 stations of Formosa.

03

Future Plan

- Adding extra 7 to 10 petrol stations by 2024, Q4.
- Developing an energy-saving and carbon reduction strategy to move towards a smart and sustainable new era.



North-Star International Development Industrial Co, Ltd.

- Shuiyunchuan — 17 Floors, 3 Basements / 239 Units (232 U. Sold) Completed in Mar. of 2022.
- Shuiqing — 7 Floors, 2 Basements / 156 Units (156 U. Sold) /) Completed in Jul. of 2022.
- Shuiluchuan — 27 Floors, 4 Basements / 373 Units (301 U. Sold) / Expected Completion by 2024
- Yuanzong 45 —15 Floors, 3 Basements / 201 Units / Expected Completion by 2024
- Guoan 1731 — 22 Floors, 3 Basements / 2+124 Units / Not Released

North-Star International Co., Ltd

- Shuixingguang — 26 Floors, 4 Basements / 288 Units (286 U. Sold) / Expected Completion by 2025
- Aimeichengpin — 13 Floors, 2 Basements / 74 Units (72 U. Sold) / Expected Completion by 2024
- Guoan 1613 — 20 Floors, 3 Basements / 307 Units / Expected Completion by 2027

Yang Ghie Co., Ltd

- Mingrenju — 15 Floors, 3 Basements/ 141Units / (22 U. Sold) / Expected Completion by 2025

Greenhouse Gas Emission Reduction Strategy



Improve equipment energy efficiency

- Switched to LED energy-saving lights in business premises and offices.
- Used LED signage displays to replace large printed advertisements.

Developing renewable energy.

Selecting sites with abundant sunlight for planning rooftop solar photovoltaic installations. Currently, there are over 10 such sites.

Promoting diverse energy supply

Transitioning from gas stations to "diverse energy supply," providing both "battery swapping" and "fast charging" services.

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The Advantage in Green Energy Development

Comprehensive renewable energy integration services



With a unique business strategy, we are comprehensively developing new energy industries, including green energy, energy storage, EV charging, and green energy trade. From planning, design, construction, operation to maintenance, we provide customers with an end-to-end and comprehensive green energy integration service.

PV investment holds a high control and assumes SPV holding



The business encompasses five major axes: "site development," "application process," "EPC engineering," "operation management," and "fishery cultivation." The focus is on large-scale projects, and there is a diverse range of green energy sources, enriched development experience, and strong engineering and technical capabilities.

Energy storage partners include well-known domestic and international companies



Includes Tesla, Delta Electronics, and Wartsila. Through the construction and operation of various energy storage systems, the company aims to establish standardized mechanisms and shorten the learning curve. A control center has been established to conduct 24-hour real-time monitoring, ensuring optimal efficiency and reliability in power services.

Diversified asset deployment for electric vehicle charging services.



TAIL is not just a simple self-operated and self-built charging operator; it has also expanded into the planning, construction, and overall packaging of electric bus charging. It collaborates with well-known projects to expand services to home charging. Additionally, TAIL offers the sale of charging equipment, engineering overall packaging, and software integration, creating diversified income streams and growth momentum.

A professional management team along with technical talents.



By assembling a team with diverse backgrounds and experiences, it can take a holistic view of the overall situation and examine issues from multiple perspectives, effectively adapting to changes in the overall market. Simultaneously, the company maintains ongoing collaboration with universities (such as National Taiwan University of Science and Technology, National Taipei University of Business), fostering more green energy professionals through industry-academic partnerships.

Green Energy 2023 Review



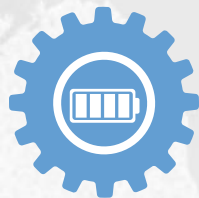
Solar Energy

- Hefong Energy's first ground-mounted PV site in Pingtung, has completed grid connection with a capacity of 18MW.
- Nansun's first-phase fishery and energy symbiosis site in Tainan, has completed grid connection with a capacity of 52.46MW.
- Sinotech's first-phase fishery and energy symbiosis site in Tainan, has completed grid connection with a capacity of 30MW.

Jun.

Aug.

151KW of Roof-type PV Plant in Taina Bus Terminal has been grid-connected and transferred to the power company



Energy Storage

Jan.

5MW AFC Smart Energy Storage Plant in Kaohsiung has been commissioned

Feb.

Collaborating with Hermin, LIOTECH International, we are developing the largest 170MW energy storage facility in Taiwan.

Jul.

Acquiring the equity of Grand Energy Storage, we have obtained two energy storage sites with capacities of 4MW and 3MW

Aug.

Construction has commenced for two distributed-level energy storage site with capacities of 4MW and 3MW



EV Charging Service

- The formation of an around-the-island charging network is underway.
- Signed a contract with Capital Bus Group for the deployment of 51 charging stations.

Apr.

Collaborating with CPC Corporation to establish a fast-charging station in Hsinchu.

Jun.

- Setting up a 50 kW commercial fast-charging station at Breeze Center.
- Achieving a milestone by reaching the goal of 50 stations by mid-2023.

Feb.

May

Collaborating with Asia Miles, making charging to earn airline mileage.

Aug.

Collaborating with construction companies to establish charging hubs. Partnering with PX Mart to setup of charging stations.

Model T Distribution

Mar.

Contracting with Kaohsiung Bus for 33 charging stations, with Fucheng Bus for 5 charging stations, and with Puyuma Bus for 3 charging stations.

Sep.

- Collaborating with Sanchong Bus to explore in the bus charging.
- Signed a contract with Xinying Bus for 6 E-buses.

Solar Energy

The solar PV site in Pingtung, and the fishery and energy symbiosis in Tainan, two landmark projects, have successively connected to the grid and completed the grid-connection process. The total cumulative capacity has reached 100.6MW.

Energy Storage

Acquisition of the equity of Grand Energy Storage, breaking ground on two substation-level energy storage projects with a total capacity of 7MW.

EV Charger

TAIL has 43 operational sites, comprising 30 fast-charging and 13 slow-charging stations, with a total of 155 charging outlets. Additionally, 16 stations are under construction. The membership has reached 25,000 users, and the market share among electric vehicle owners stands at 50%.

Possess experience in establishing over 16 transportation hubs with a total of 124 or more charging stations.

Collaborated with renowned real estate projects to expand home charging services. Partnered with 16 Far Eastern Group developments, including Far Eastern Green Ray in Taoyuan, Far Eastern Pure Residence in Taichung, and Far Eastern Green Harvest in Tainan.

Model T Distribution

Become the sole agency of Model T and grasped nearly 118 Qty orders from 9 passenger transport operators.



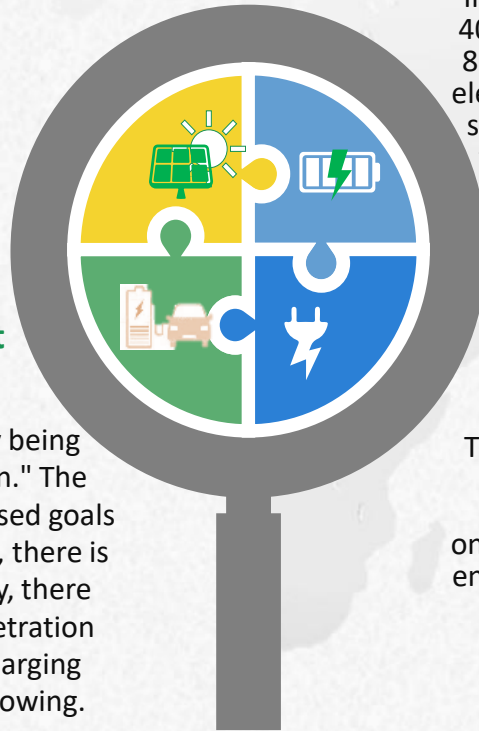
The Opportunities of Green Energy Development

Economic Recovery Drives 98% of Power Growth from Renewable Energy

As of the end of December 2022, Taiwan's cumulative installed solar photovoltaic (PV) capacity reached 9 GW. The Ministry of Economic Affairs has set a policy goal for renewable energy to account for 20% of power generation by 2025. It is projected that the solar PV installed capacity will reach 20 GW by 2025 and between 40 to 60 GW by 2050.

The increasing EV highlights a significant shortage of charging infrastructure.

There are 12 key strategies, with one crucial strategy being "Electrification and Decarbonization of Transportation." The Ministry of Transportation indicates that, based on phased goals and future estimates of electric vehicle usage, by 2025, there is a need for 6,500 charging stations. However, currently, there are only about 2,000 stations nationwide. As the penetration rate of electric vehicles increases, the demand for charging stations and infrastructure is expected to continue growing.



The mainstreaming of renewable energy is propelling the energy storage industry forward.

InfoLink predicts that by 2030, there will be at least 40GW of renewable energy, requiring a minimum of 8GW for energy storage. The substantial increase in electric vehicle usage poses a challenge to the power supply grid. The energy storage market is expected to grow annually, presenting a potential business opportunity of up to NT\$200 billion by 2030.

The strong demand for green energy drives force for carbon reduction initiatives.

The European Union initiated a carbon tariff system in 2023. Coupled with domestic major electricity consumers aiming for zero carbon emissions and ongoing power purchases by RE100 (100% renewable energy) companies, this has stimulated an increase in domestic demand for green energy certificates, leading to a rise in green energy prices.

Solar Energy Outlook

Electricity production totals at **378MW** and moving toward the goal of **1 GW**.

15MW of fishery and electricity symbiosis in Tainan is expected to operate by **Q4, 2023**.



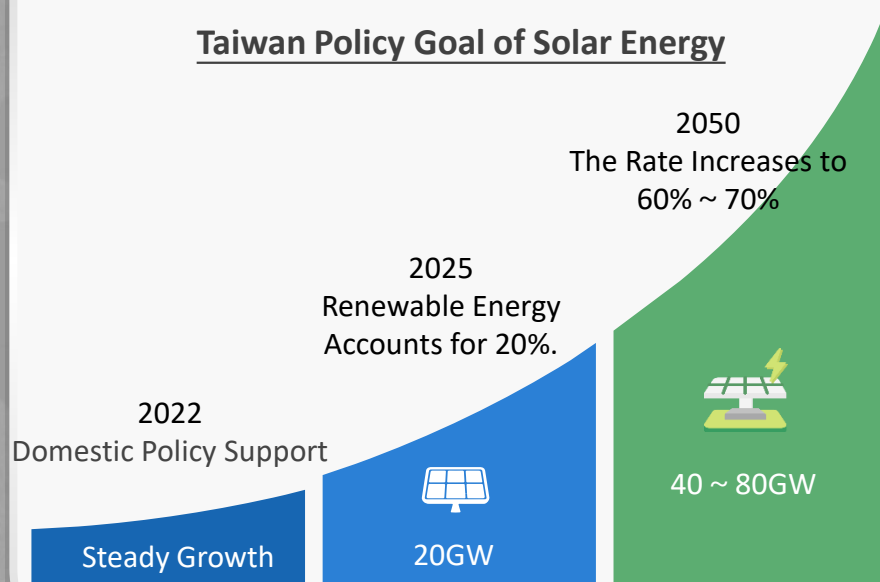
The first phase of Chiku is expected to gradually invest in ecological aquaculture in Q1 2024, with an estimated annual fishery production of 382 metric tons.

24MW of ground type in Pingtung is expected to operate by **Q2, 2024**.

25 Projects are expected to kick off between 2024~2025.

IEA predicts that by 2025, renewable energy will become the world's largest source of electricity.

Taiwan Policy Goal of Solar Energy



Energy Storage Outlook

Make All Effort on Stable Power Supply

Currently holding permits for the construction of 192MW, it is projected to meet the daily electricity needs of 19,000 households in Taiwan.

Two distribution-level projects with a total capacity of 7MW are expected to come online in Q1 2024.

A 170MW transmission-level project is scheduled to be operational by 202

The mainstreaming of renewable energy is propelling the energy storage industry forward

1

Renewable energy needs 40GW by 2030, therefore energy storage demands at least 8GW.



2

The electricity consumption of EV increases greatly, challenges the resiliency of electric grid.



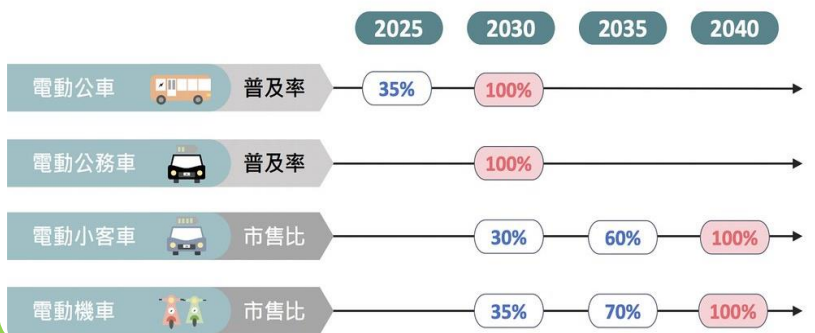
3

The energy storage market increases yearly, and it may reach 200 billion in 2030



EV Charging Service Outlook

The electrification schedule for transportation



The increasing EV highlights a significant shortage of charging infrastructure.

There are 12 key strategies, with one crucial strategy being "Electrification and Decarbonization of Transportation." The Ministry of Transportation indicates that, based on phased goals and future estimates of electric vehicle usage, by 2025, there is a need for 6,500 charging stations. However, currently, there are only about 2,000 stations nationwide. As the penetration rate of electric vehicles increases, the demand for charging stations and infrastructure is expected to continue growing



2023

The goal is to complete the construction of a total of **50 stations** across Taiwan, with 46 stations currently operational.



2024

The plan is to complete the construction of a total of 100 stations across Taiwan.

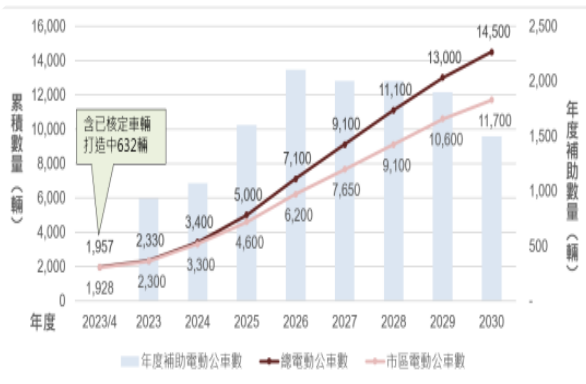


2025

There will be a TAIL Power station every 50 kilometers.

Model T Distribution Outlook

The goal is to promote E-Bus by the year 2030



7年期程

總經費643億元

市區公車全面電動化

公路客運部分電動化

建置維修保養體系

10,000 full-electrified buses drive 170 billion business opportunity.

Reference via Executive Yuan

Promotion Period



Popularization Period

Collaborating with TAIL's foundational charging infrastructure and continuously promoting high-quality products.

- 2024 goal: delivery of 150 vehicles, aiming to increase the market share of Model T to 20%.
- 2025 goal: delivery of 300 vehicles.

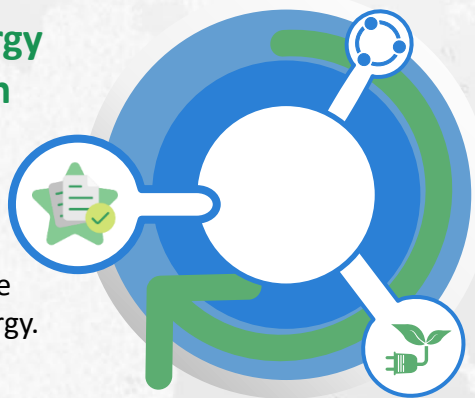
Around 2,500 units with replacement demand.



The strong demand for green energy drives force for carbon reduction initiatives.

ESG, environmental impact assessment, large electricity consumers, international supply chain, and other requirements necessitate the use of a certain proportion of renewable energy.

According to the inventory by the Ministry of Economic Affairs, by 2030, Taiwanese companies need to meet the requirement of RE30, requiring more than 31.8 billion kilowatt-hours of green energy. By 2040, the demand is expected to increase to over 100 billion kilowatt-hours.



Self-built Green Electricity Living Circle

1. Solar energy plants generates green energy.
2. transferring green energy to users.
3. EV charging piles provides green energy.
4. E-Bus charges green energy.

Matching Users to Sign CCPA

1. To integrate energy resources by inventory renewable energy plants and purchasing other renewable energy power plants .
2. To provide green energy transfer services, assisting enterprise users to obtain certificates, and easily achieve the goal of using green power
3. To take Many-to-many optimal fit mode as strategy.

Initiate the Green Energy Certificate trading service.

Santi IPO Plan

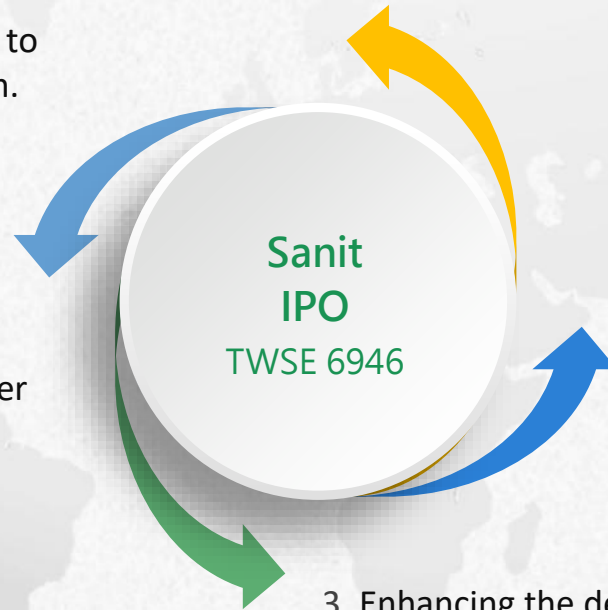
Submitted to the Innovative Stock Board on November 13th, 2023

1. Accessing the capital market to accumulate growth momentum.

2. Strengthening corporate governance to safeguard shareholder rights.

3. Enhancing the development and opportunities of strategic alliances.

4. Enhancing the company's visibility, facilitating talent recruitment, and expanding the market.



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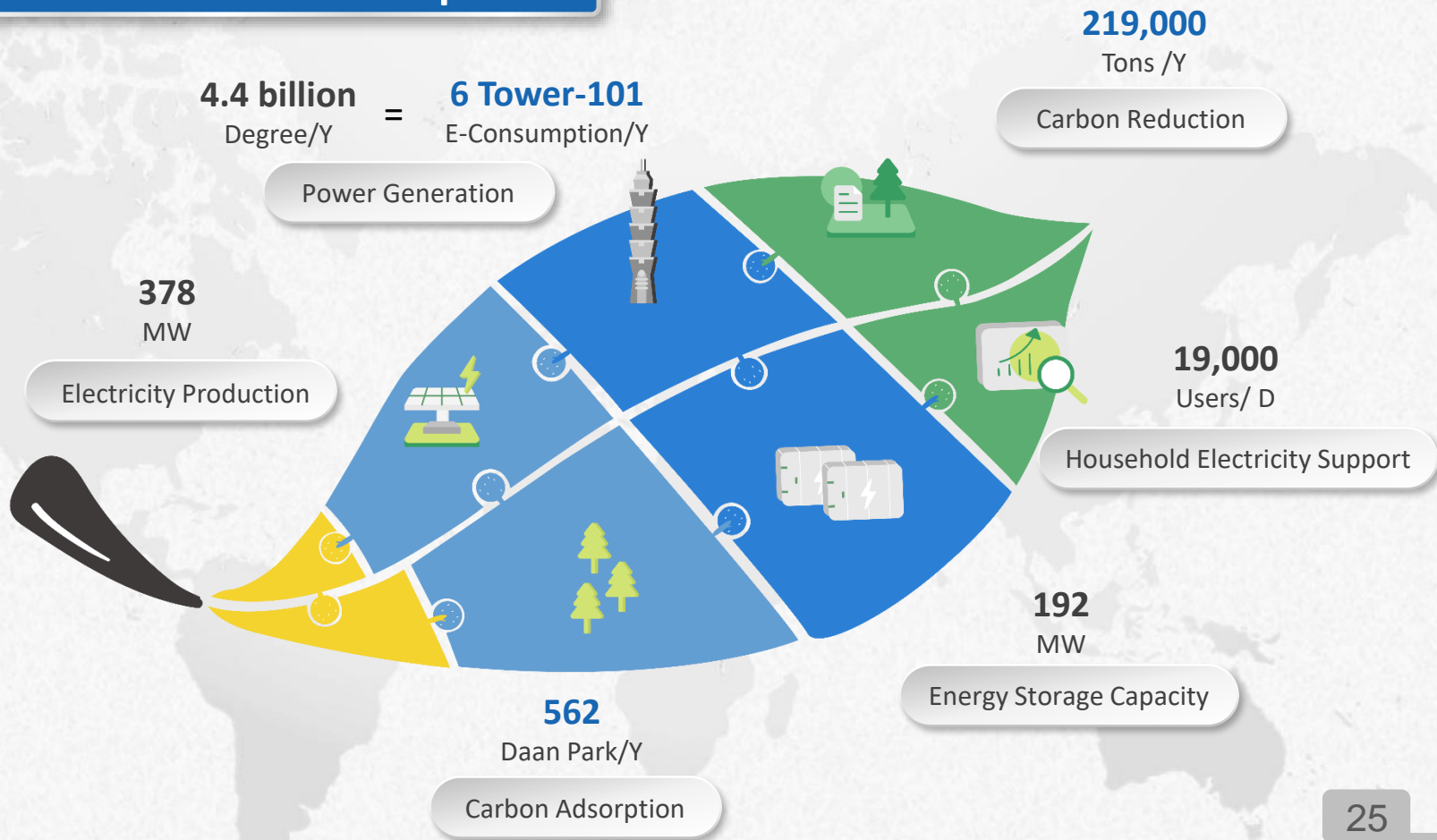
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Go Green & Sustainable Development



SDGs

Sustainability Report



1 NO POVERTY



提供在地就業機會

2 ZERO HUNGER



捐贈物資予偏鄉孩童

3 GOOD HEALTH AND WELL-BEING



辦理消防演練
提升案場安全防護



不定期辦理慶生會和聚餐



助力高榮提升長照資源

4 QUALITY EDUCATION



Organized multiple green energy education events at Taipei Business University, Qingshui High School Cigu District Guangfu Experimental Elementary School, Manzhou Elementary School, and Vocational Training Bureau. Collaborated with schools to implement industry-education cooperation projects.

5 GENDER EQUALITY



實現性別平等
賦予女性權利

女性員工在職比率50%
女性主管比例32%

6 CLEAN WATER AND SANITATION



優先使用自來水清潔



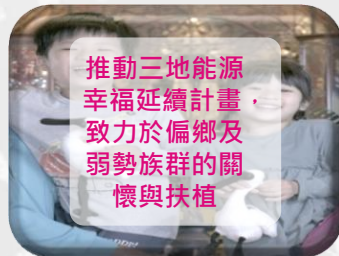
建置光電和儲能案場
並提供企業潔淨能源

7 AFFORDABLE AND CLEAN ENERGY



扎根七股、回饋鄉里

8 DECENT WORK AND ECONOMIC GROWTH



推動三地能源
幸福延續計畫，
致力於偏鄉及
弱勢族群的關
懷與扶植

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



10 REDUCED INEQUALITIES



三地大港「七股札祖」
全台最大160MW漁電共生案場開工
七股辦公室啟事

支持在地社團和藝文活動

11 SUSTAINABLE CITIES AND COMMUNITIES



協助廟方進行修繕



捐贈遮光簾
提升海巡同仁士氣



Local Feedback Projects



Santi Energy Happiness Continuity Program

Santi Energy plans Happiness Continuity Program divided into five major projects: Education, Sports, Care, Local, and Creation.



Education Continuity

01 Transforming the Cigu Office into a photovoltaic education site, organizing multiple green energy education events at Taipei University of Commerce, Qingshui High School, Cigu District Guangfu Experimental Elementary School, and Manzhou Elementary School.

Care Continuity

02 Donating a batch of sun-shading curtains to the first coastal patrol team of the Southern Division of the Coast Guard Administration..

Creation Continuity

03 Giving strong support for local farmers and fishermen by purchasing whose agricultural products or non-toxic fish as giveaways.

Sport Continuity

04 Sponsoring a baseball summer camp in Manzhou Township. Donating table tennis tables to the community center in Shizi Township.

Local Continuity

05 Sponsoring the restoration work of Nansheng Temple in Qigu District to ensure the preservation of local culture.



T H A N K S



NORTH-STAR INTERNATIONAL CO., LTD.

Q & A

2023-11-30