

Corporate Communications

Press Release

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Green Charging, BMW Leads the Way – BMW's Traceable and Certified Green Charging Ecosystem in China

- 2025 BMW owner green charging volume on State Grid network up nearly 12 times.
- Birgit Boehm, President and CEO of BMW Brilliance: "Green charging makes every BMW new energy vehicle owner an active participant in the energy transition."

(Beijing, June 17, 2026) When a BMW BEV is plugged in to charge, the electricity powering it may originate from solar power in Zhejiang, or wind energy in Inner Mongolia. Through China's Green Electricity Certificate (GEC) system, the environmental value of this renewable electricity can now be tracked and recorded in the MyBMW APP for every BMW NEV owner.

BMW has been building this traceable, certifiable and tangible green charging model in China for years. Since 2021, BMW has partnered with State Grid Smart Internet of Vehicles to explore green charging solutions. In 2024, the two partners piloted China's Green Electricity Certificate (GEC) system to certify BMW BEV charging with renewable sources. By 2025, the initiative reached scale: BMW owner green electricity charging volume surged nearly 12 times year-on-year, while IONCHI, BMW's joint-venture charging brand, now sources 100% of its electricity from renewables.

BMW's objective is clear and unwavering: by 2027, all BMW and MINI battery-electric vehicle owners will be able to charge with 100% renewable electricity at State Grid public charging stations via the MyBMW and MINI Apps.

Birgit Boehm, President and CEO of BMW Brilliance, said: "Sustainability entails a responsibility to lead. BMW Brilliance integrates decarbonization and circularity into every link of our value chain. Green charging makes every BMW new energy vehicle owner an active participant in the energy transition. It is not only a commitment to our customers, but also an investment in the future."

From Pilot to Leader: BMW's Green Charging Journey in China

In 2024, BMW and State Grid Smart IoV piloted the use of Green Electricity Certificates (GECs) to certify BMW BEV charging with renewable sources in China and enabled a precise matching

of renewable electricity supply with charging demand across both time and geography. By 2025, the model had expanded to 7,039 charging stations across 224 cities. BMW owners completed more than 1.25 million kWh of renewable electricity charging through the State Grid public charging network, representing nearly twelvefold growth year-on-year.

IONCHI, BMW's joint-venture charging brand, has taken the lead in committing to sourcing 100% renewable electricity for its charging services. By the end of 2025, IONCHI had supplied more than 54 million kWh of renewable electricity - equivalent to the annual average consumption of approximately 22,000 households. This achievement fulfilled its commitment to operating on 100% renewable electricity, while providing customers with a seamless "charge green, drive further" experience.

From Abstract to Tangible: Making Carbon Reduction Visible and Participatory

In the MyBMW APP and MINI APP, EV owners with successfully traced green charging orders can view the source and amount of renewable electricity associated with each charging order and receive an exclusive "Green Electricity Tracing Certificate". They can also track the cumulative carbon reductions achieved through green charging. Environmental protection is no longer an abstract concept but a tangible outcome of everyday EV charging. Since the launch of the green charging service in the MyBMW and MINI Apps, the number of NEV owners receiving Green Electricity Tracing Certificates has continued to grow – demonstrating BMW's commitment to promoting a "Green Mobility" lifestyle through concrete action.

From Factory to Wheel: BMW's "Dual Green Electricity" Closed Loop

BMW Brilliance's Shenyang production base has operated on 100% renewable electricity since 2019. Today, BMW is extending the practice of green electricity from production to use phase. This "production + usage" dual green electricity approach enables BMW to establish a vehicle lifecycle carbon reduction loop in China, spanning from factory to wheel.

Leadership Demonstrated Through Results

- 1.25 million+ kWh: Renewable electricity charging by BMW owners on the State Grid public charging network in 2025, a nearly 12-fold increase year-on-year.
- 54 million+ kWh: Cumulative renewable electricity supplied by IONCHI in 2025, equivalent to the annual electricity consumption of about 22,000 households.
- 7,039 charging stations across 224 cities: Coverage of BMW x State Grid green charging network

Looking Ahead



BMW will deepen collaboration with State Grid, IONCHI, and more partners to make green charging the norm rather than an option, ensuring that every journey contributes to a more sustainable future.

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