

Nissan Energy

Solutions to enrich life and society with electric vehicles

NISSAN INTELLIGENT MOBILITY

Nissan Intelligent Mobility transforms your car into a more exciting partner by redefining how your car is driven, powered and integrated into society.

Intelligent
Driving

More
Confident

Intelligent
Power

More
Excited

Intelligent
Integration

More
Connected

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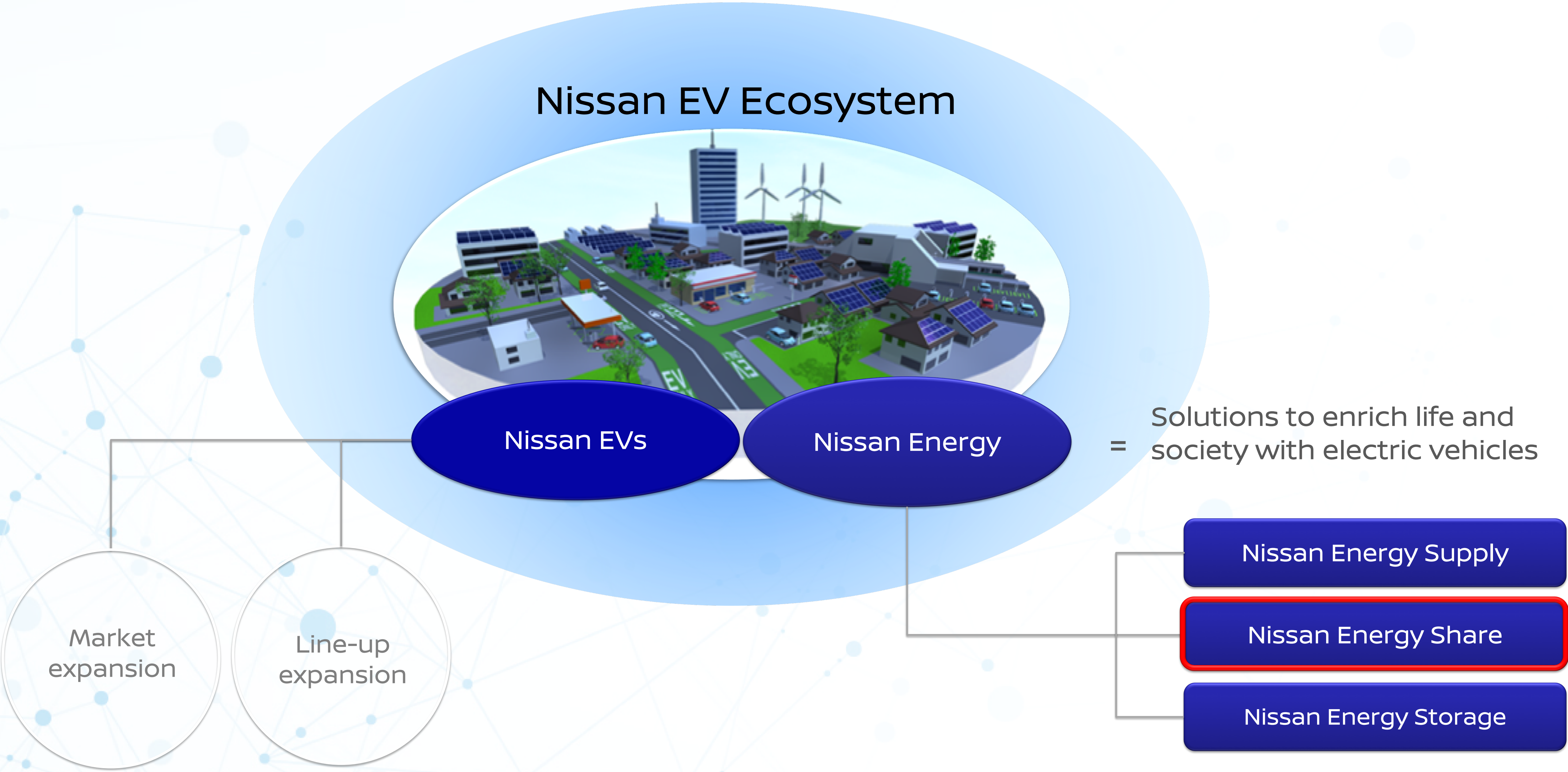
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Nissan EV Ecosystem & Nissan Energy

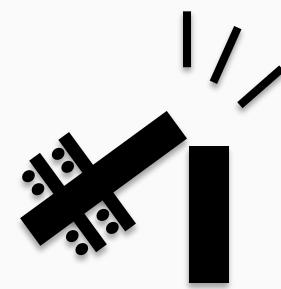


Nissan Energy Share

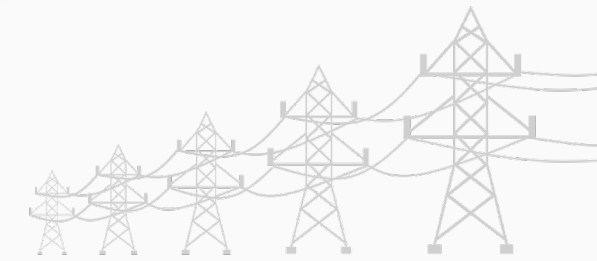
Nissan Energy Share enables our customers to share energy stored in Nissan EVs with homes, buildings and communities.



Electricity bill savings by storing cheaper night-time/off-peak electricity or excess energy from solar panels



Back-up energy storage in case of blackouts or emergencies



Help stabilize electrical grid by storing excess energy from renewables to use during peak demand



Maximize benefits of renewables to help address worldwide energy challenges

12GWh of energy storage potential in Nissan EVs worldwide (based on cumulative sales).

CURRENT ENERGY MODEL

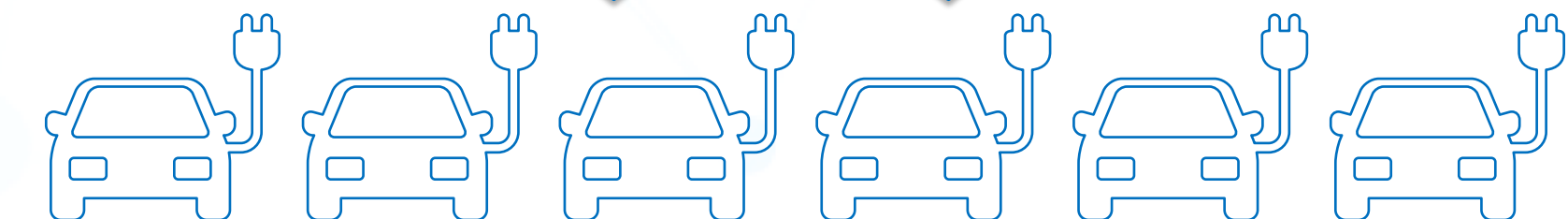
GENERATION

- Stable yet centralized energy generation
- Uses mainly fossil fuels
- Power generation adjusted to meet demand

CONSUMER

Predictable demand. Inflexible

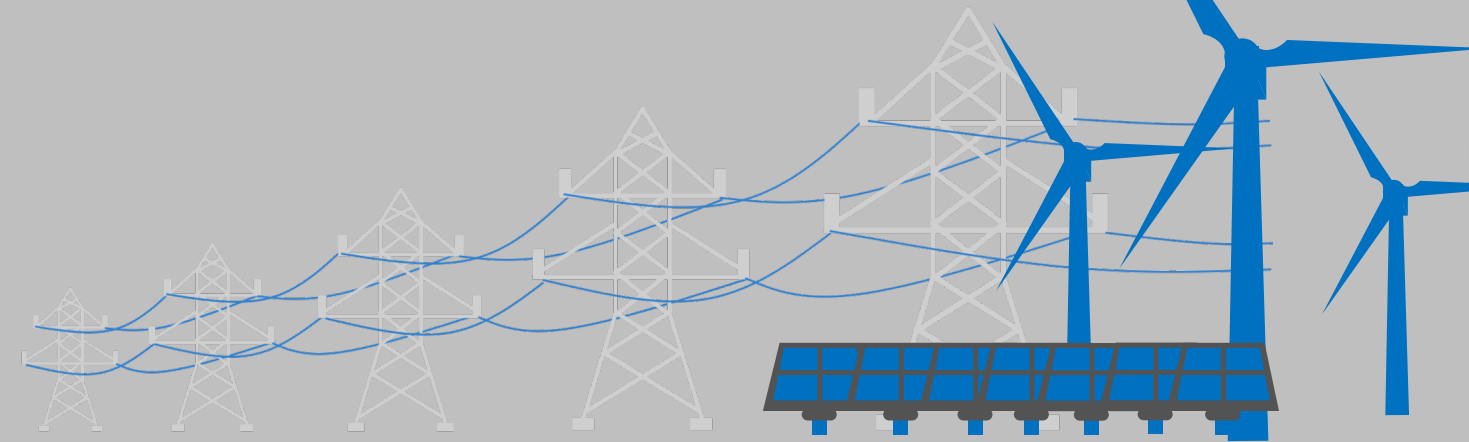
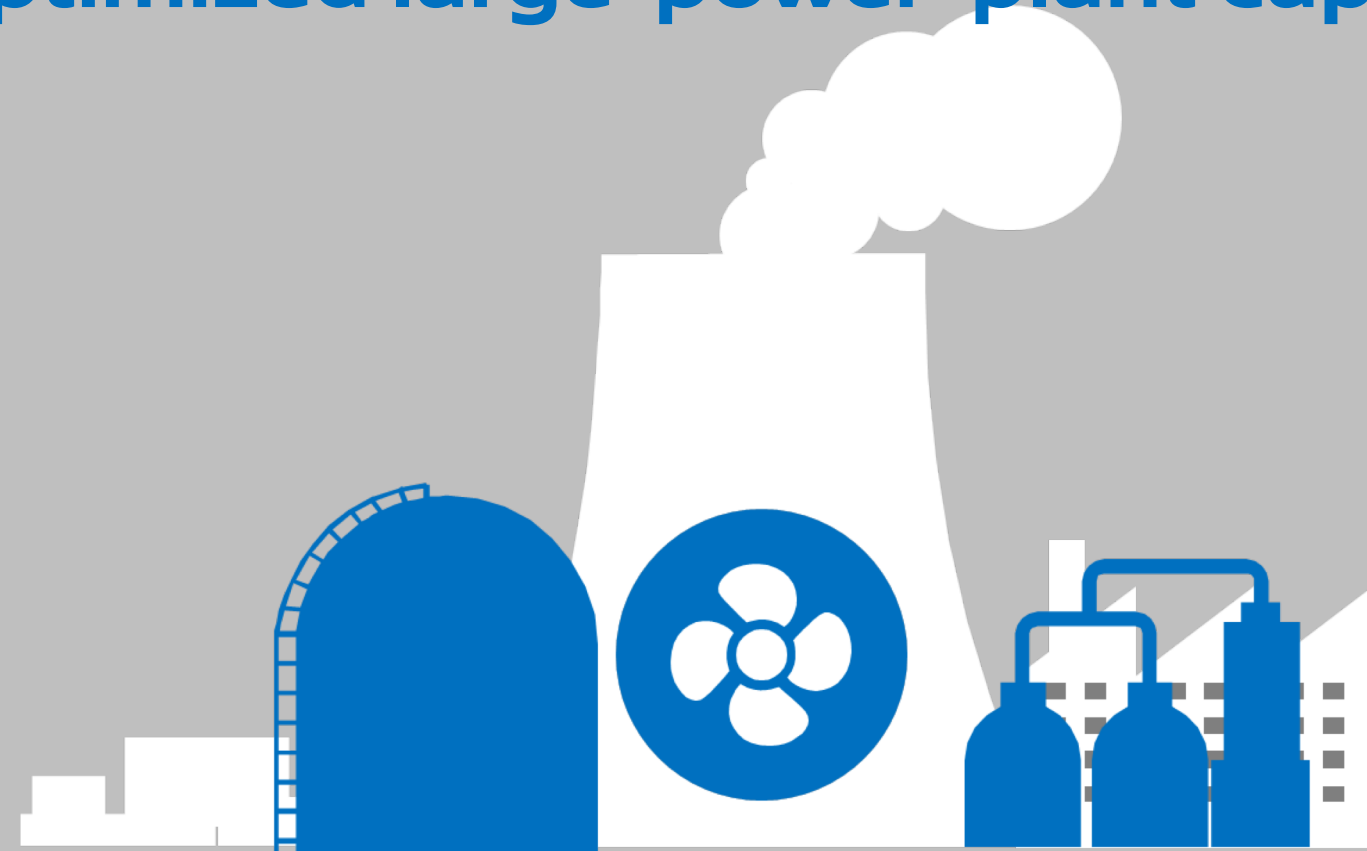
Uni-directional flow



FUTURE ENERGY MODEL

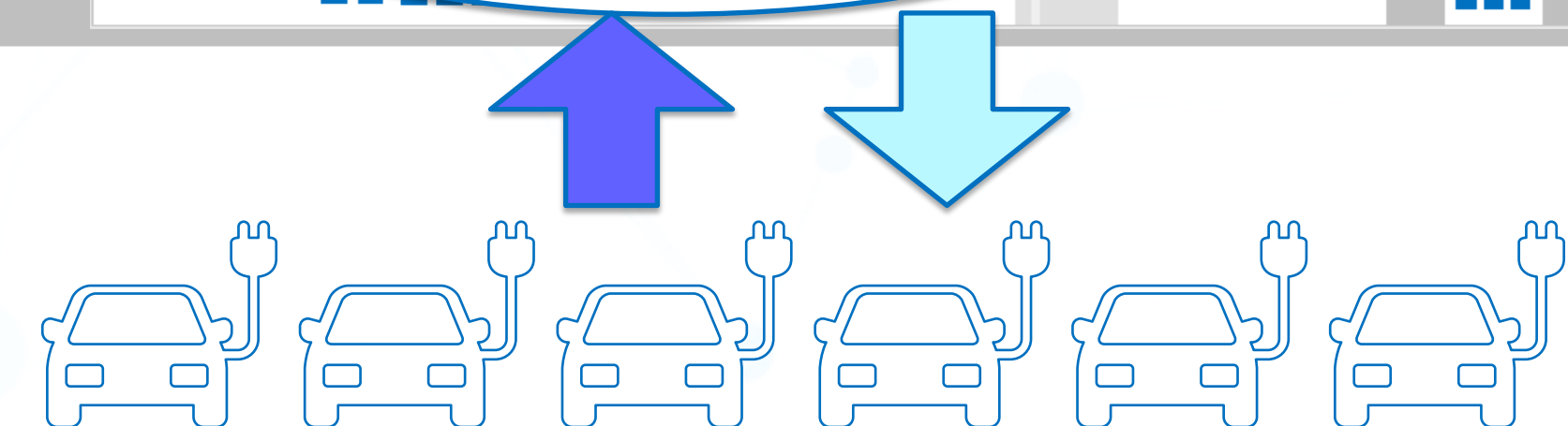
GENERATION

- De-centralized
- Optimized large-power-plant capacity



CONSUMER

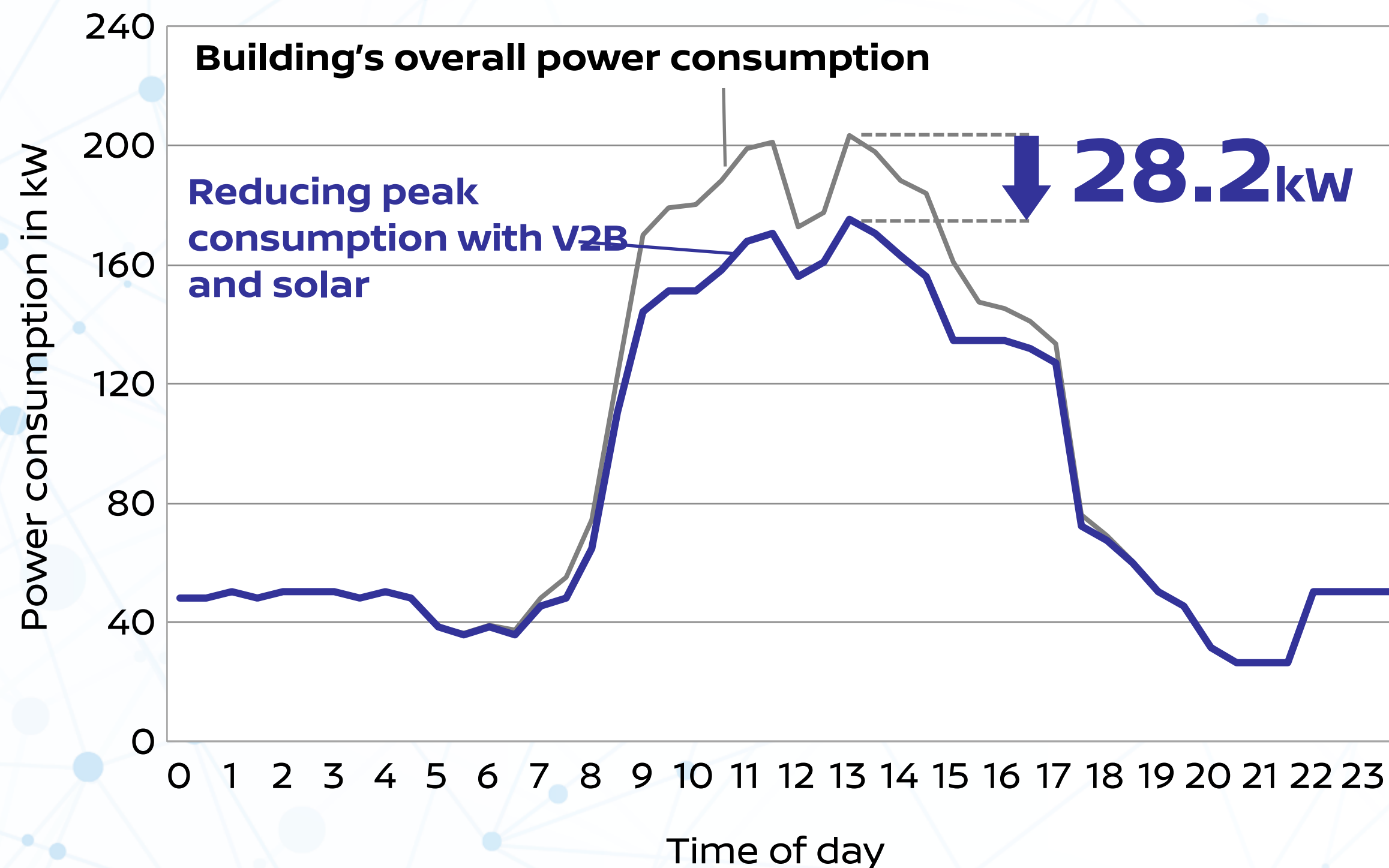
- Local generation for local consumption
- Growing electric power business activity



V2B test demo with NTT-West (telecommunications giant)

- Peak leveling & cost savings by using EV batteries
- Solar energy can help reduce CO2 emissions
- Helps corporations achieve RE100**, EV100*** commitments

28.2kW peak reduction, saving JPY 950k & cutting 14t-CO2 YoY



- Nissan LEAF (40kWh) 3 units
- Bi-directional charger (5kW) 3 units
- Solar power system (16.5kW)

*V2B: Vehicle to building

**RE100: global corporate leadership initiative bringing together influential businesses committed to 100% renewable electricity.

***EV100: global initiative bringing together forward-looking companies committed to accelerating transition to electric vehicles (EVs) and making electric transport the new normal

The logo features the word "NISSAN" in a black, sans-serif font. To its right is a small icon consisting of three blue curved lines above a solid black square. This is followed by the word "INTELLIGENT" in a black, sans-serif font, and finally the word "MOBILITY" in a larger, bold, black, sans-serif font. The entire text is centered horizontally against a light blue background with a network of dots and lines.

NISSAN  INTELLIGENT **MOBILITY**