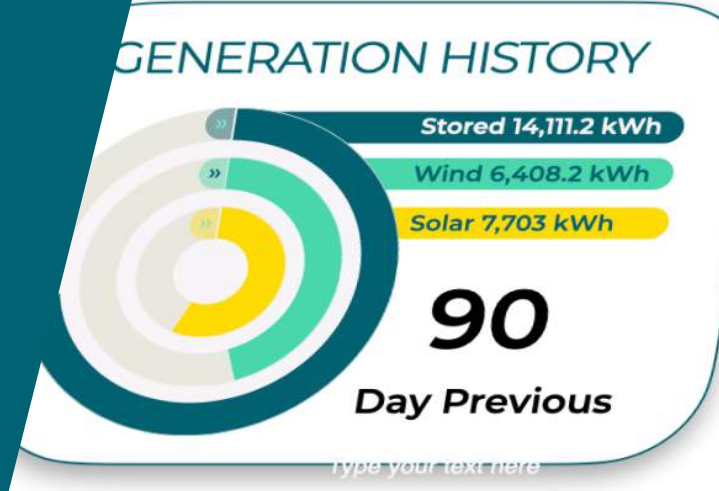


SMART MICRO-GRIDS

HYPER-LOCAL OPTIMIZATION
POWERED BY
NETWORK INTELLIGENCE

FROM WINDQUIET



Wind Turbine North	81%
Wind Turbine South	84%
Solar Array Hillside	66%
Solar Array Garage	68%
Battery Array North	92%

THE WINDQUIET TECH STACK

Platform Layer

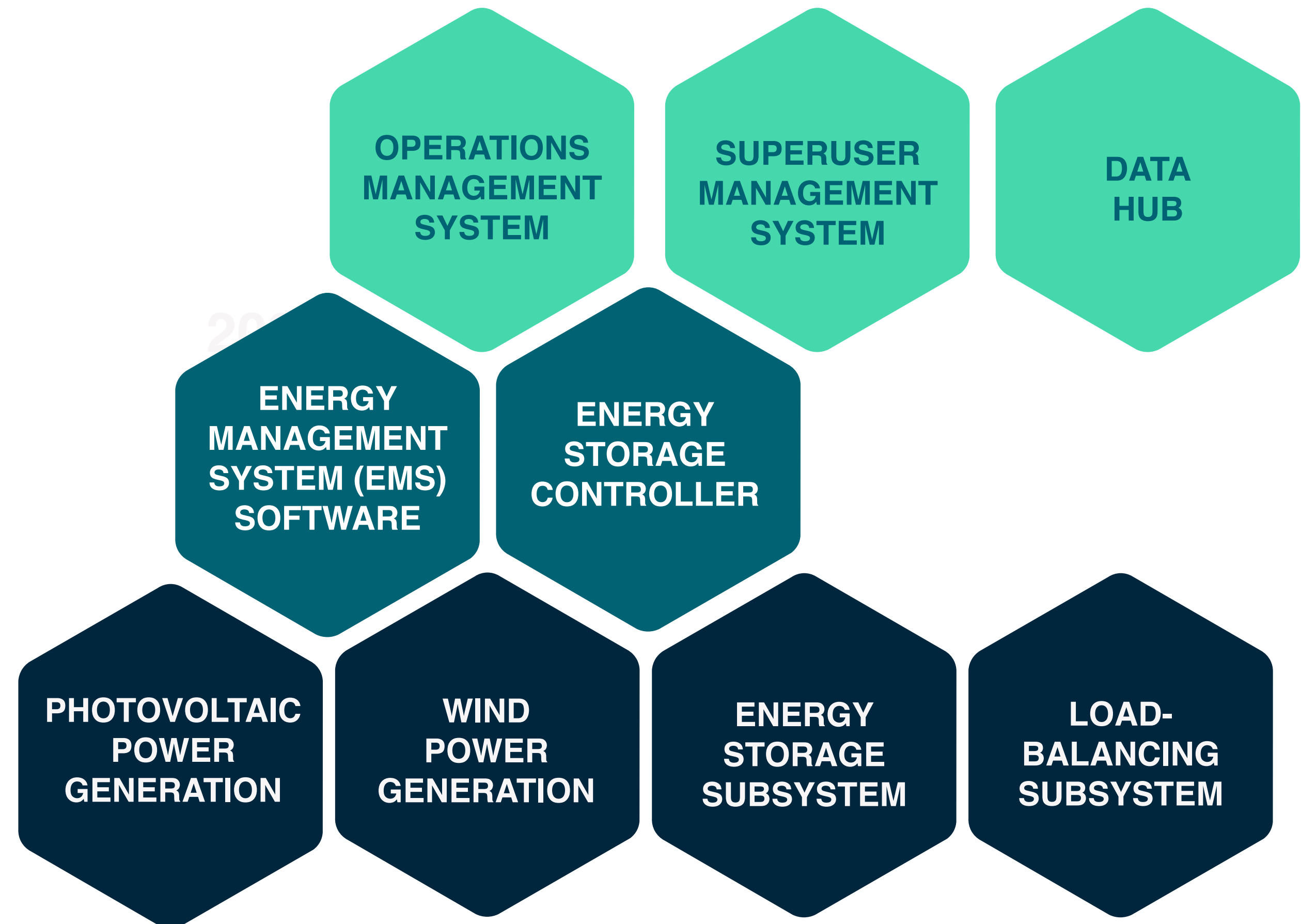
Dynamic data visualizations make sense of changing conditions and give operators the tools they need to optimize performance

Control Layer

EMS software runs on the controller, an industrial microcomputer, feeding real-time data to the platform and intelligent commands to the equipment layer

Micro-Grid Equipment Layer

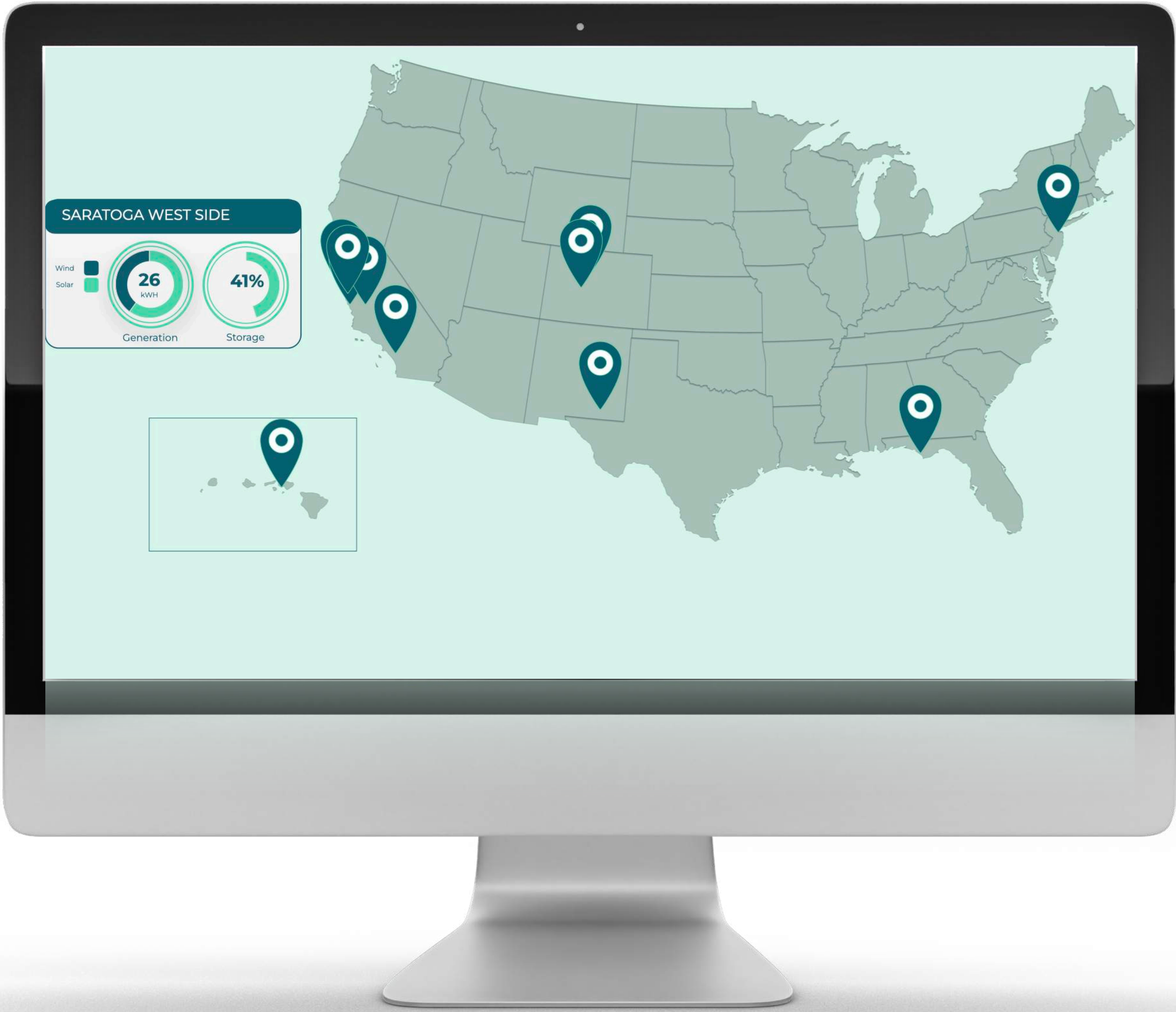
Intelligent meters constantly monitor performance of the device network for generating and storing power





DATA
HUB

RELIABLE ENERGY POWERED BY DATA



AUTOMATIC TIME-SHIFTING

Cut peaks and fill valleys in consumption based on data modeling

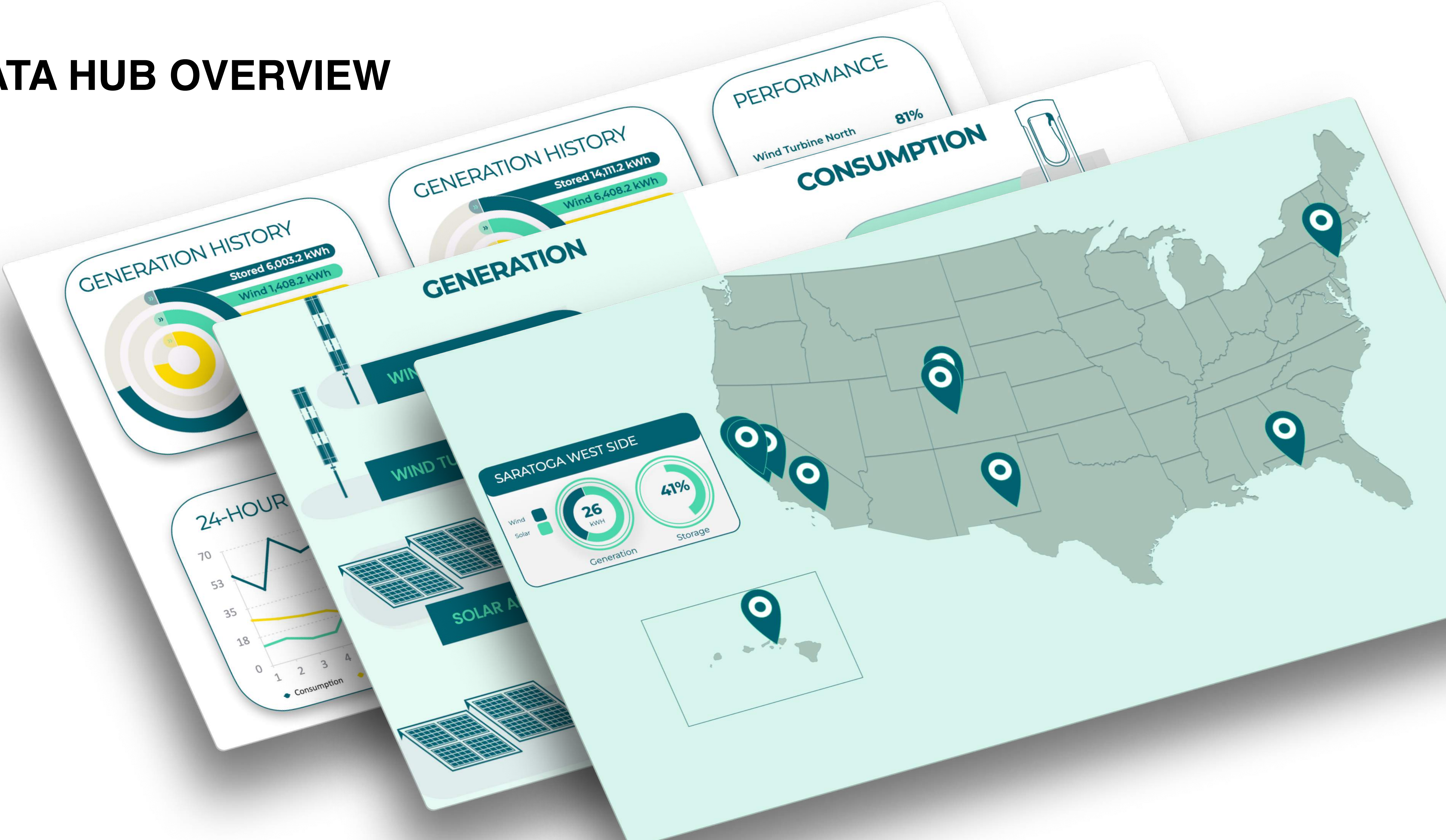
RECOVERY PROCEDURES

Best-practices after extreme weather events are shared and improved upon

PREDICTIVE MAINTENANCE

Problems detected one place are stopped before spreading to other stations

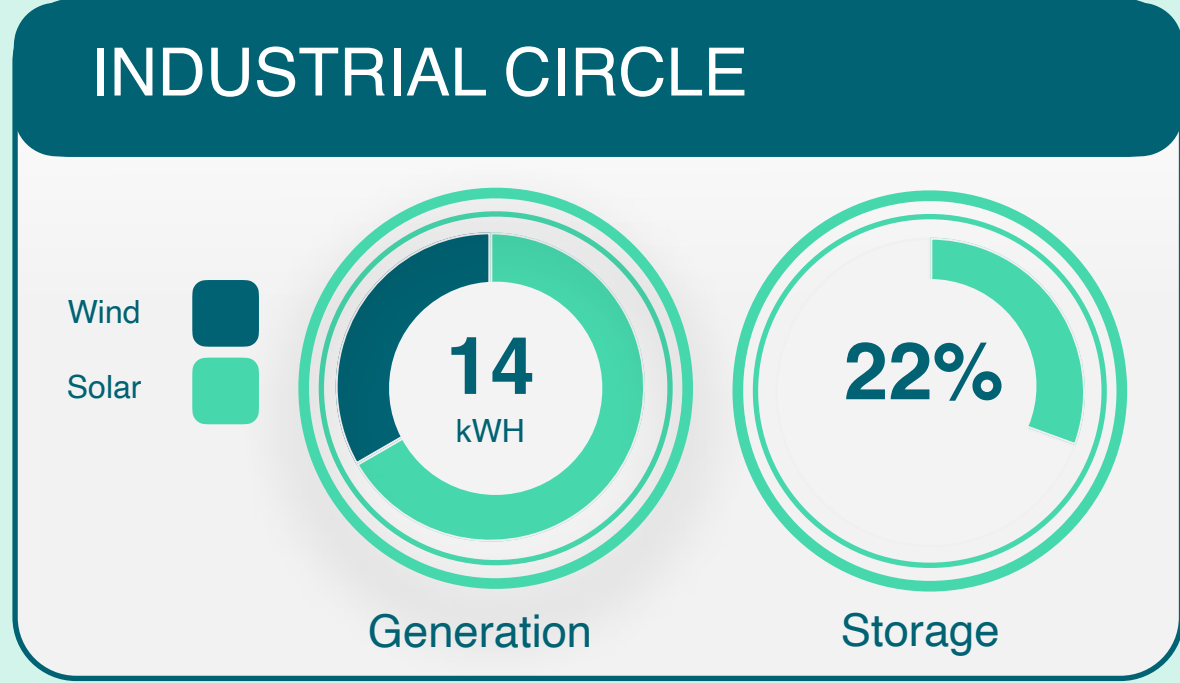
DATA HUB OVERVIEW



DATA HUB OVERVIEW

MAP VIEW SHOWS THE MICRO-GRIDS IN THE NETWORK AND THEIR PERFORMANCE DATA



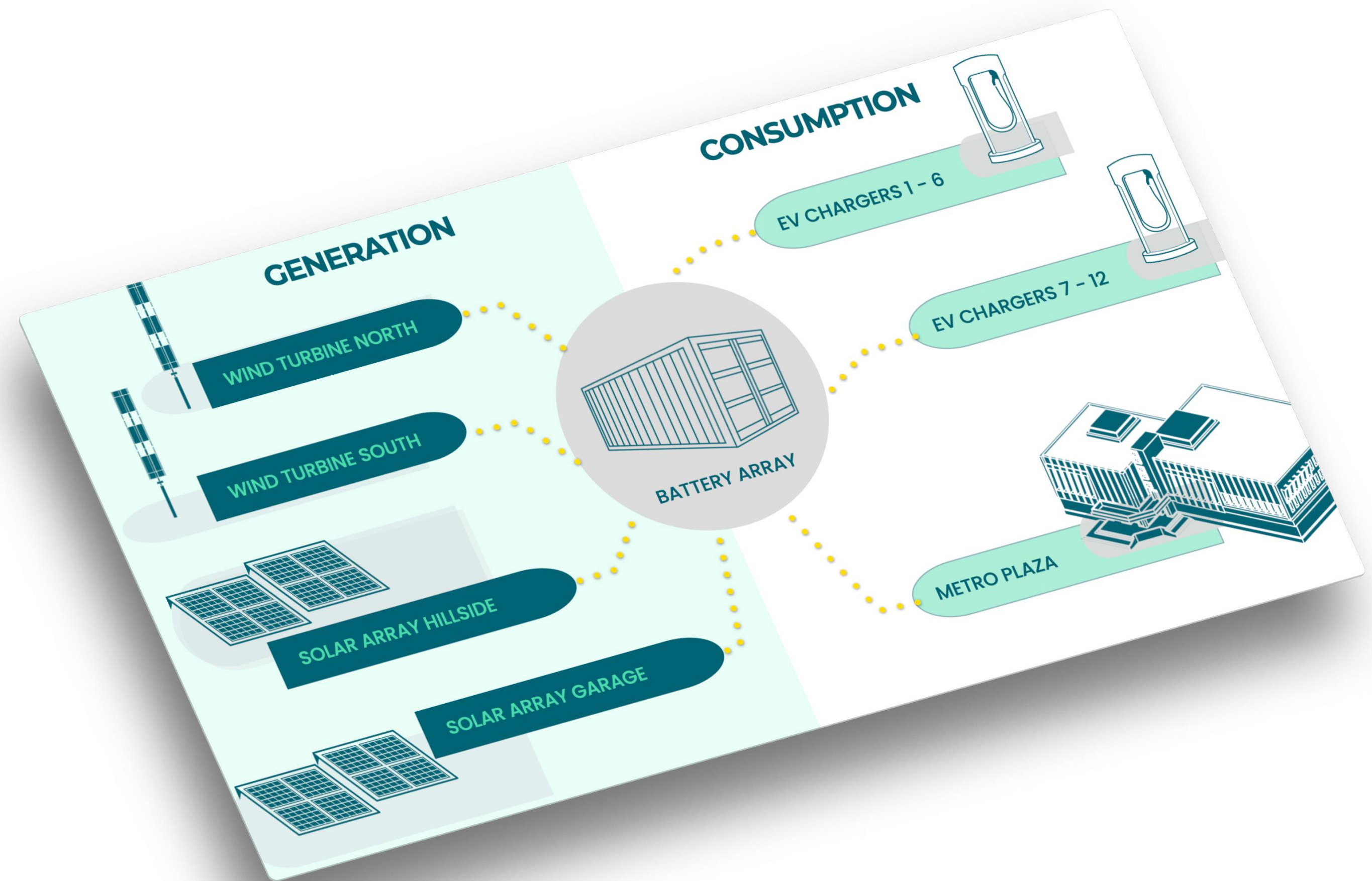


DATA HUB OVERVIEW



DATA HUB OVERVIEW

STATION VIEW SHOWS HOW POWER IS MOVING FROM GENERATION, TO STORAGE, TO CONSUMPTION



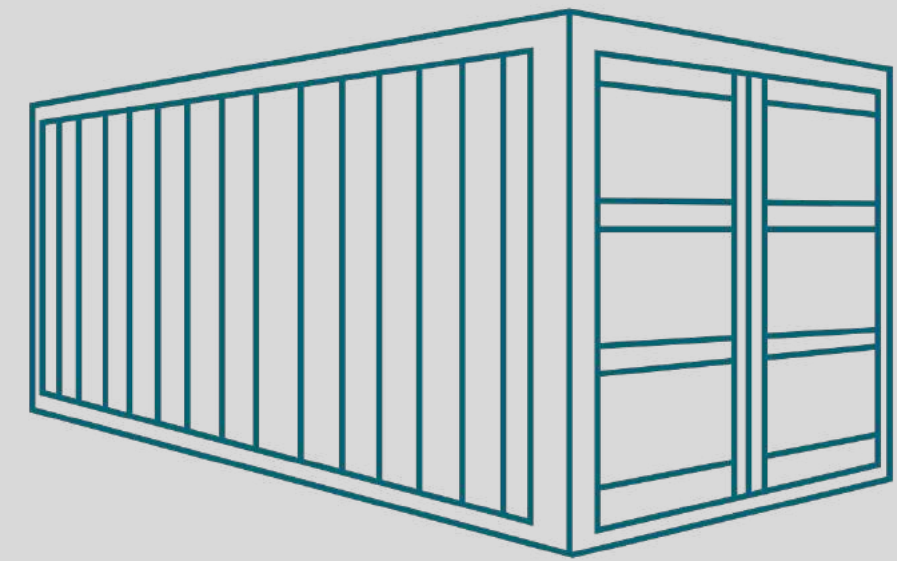
GENERATION

WIND TURBINE NORTH

WIND TURBINE SOUTH

SOLAR ARRAY HILLSIDE

SOLAR ARRAY GARAGE



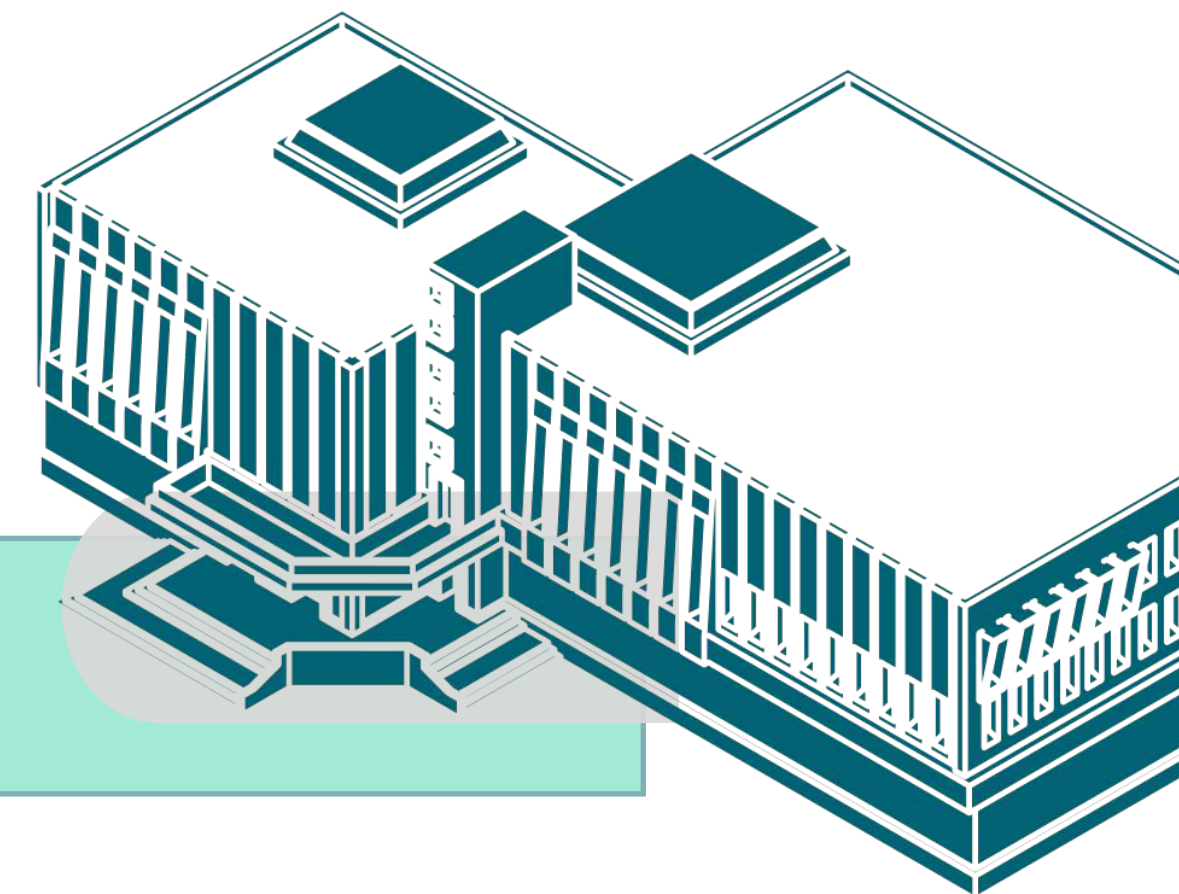
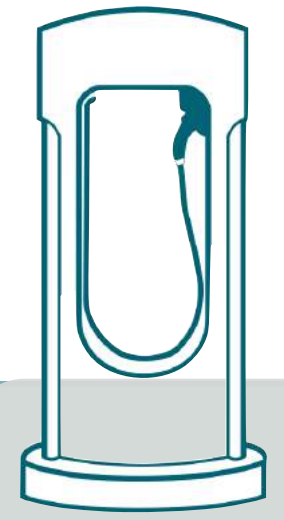
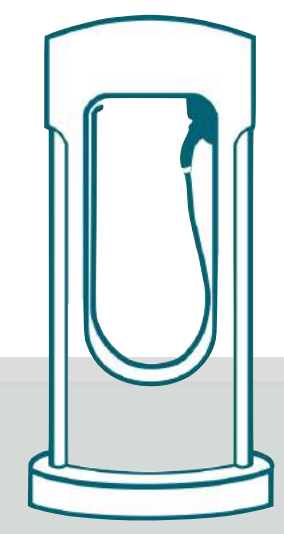
BATTERY ARRAY

CONSUMPTION

EV CHARGERS 1 - 6

EV CHARGERS 7 - 12

METRO PLAZA

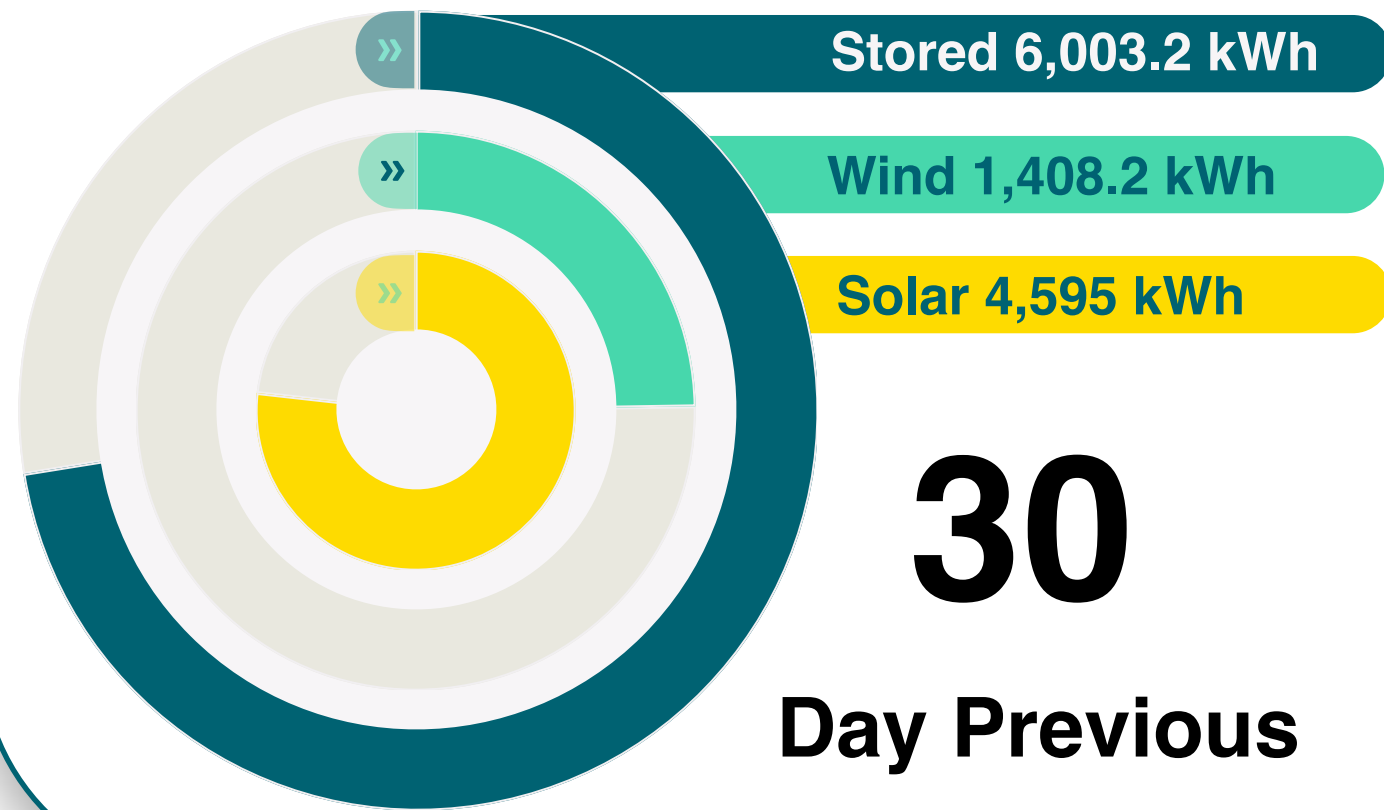


DATA HUB OVERVIEW

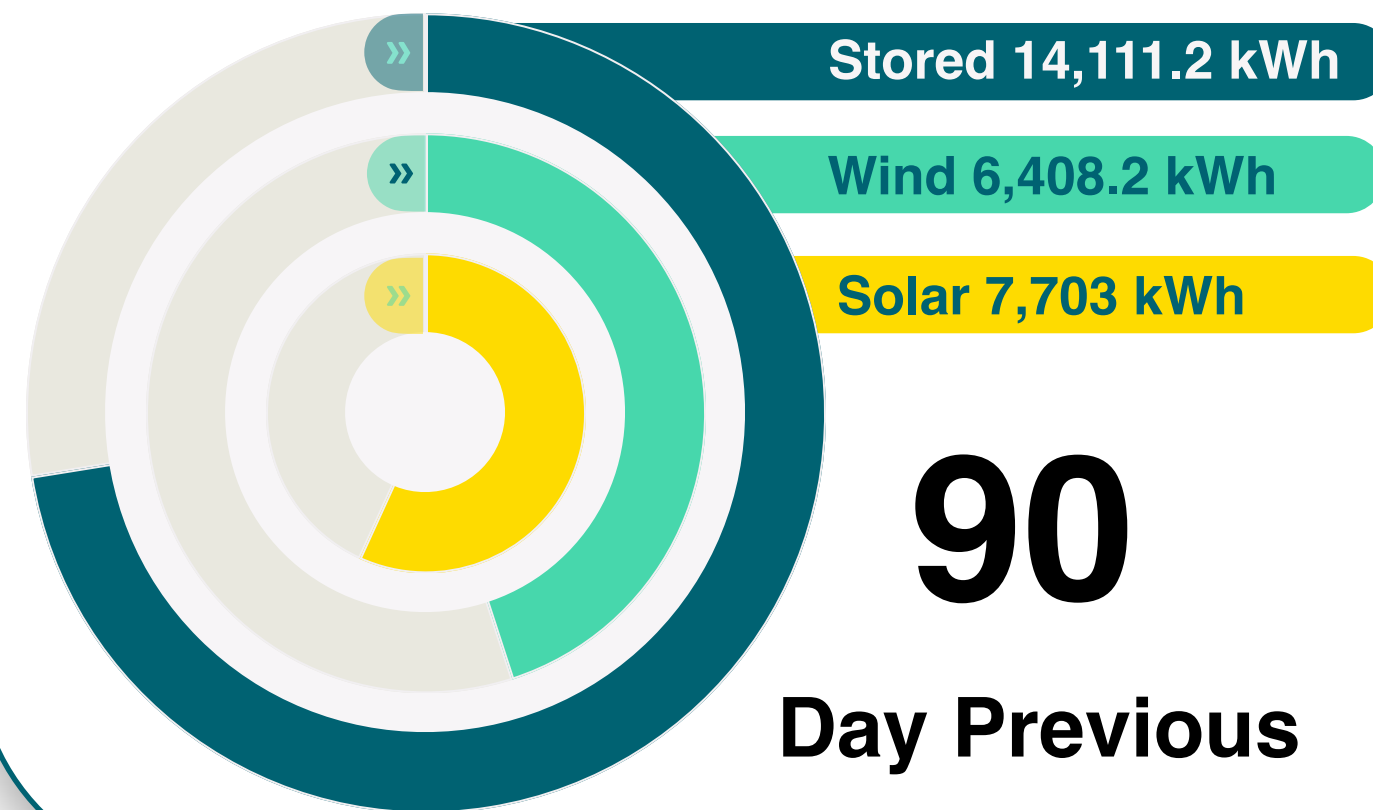
INSIGHTS VIEW SURFACES
TRENDS AND MAKES
RECOMMENDATIONS



GENERATION HISTORY



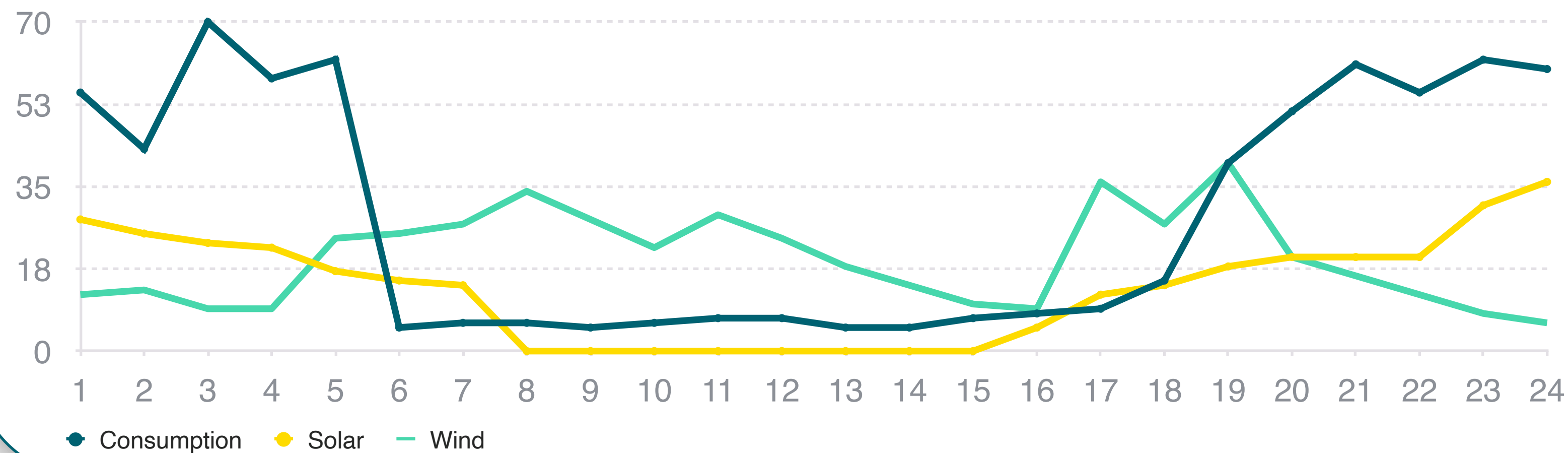
GENERATION HISTORY



PERFORMANCE



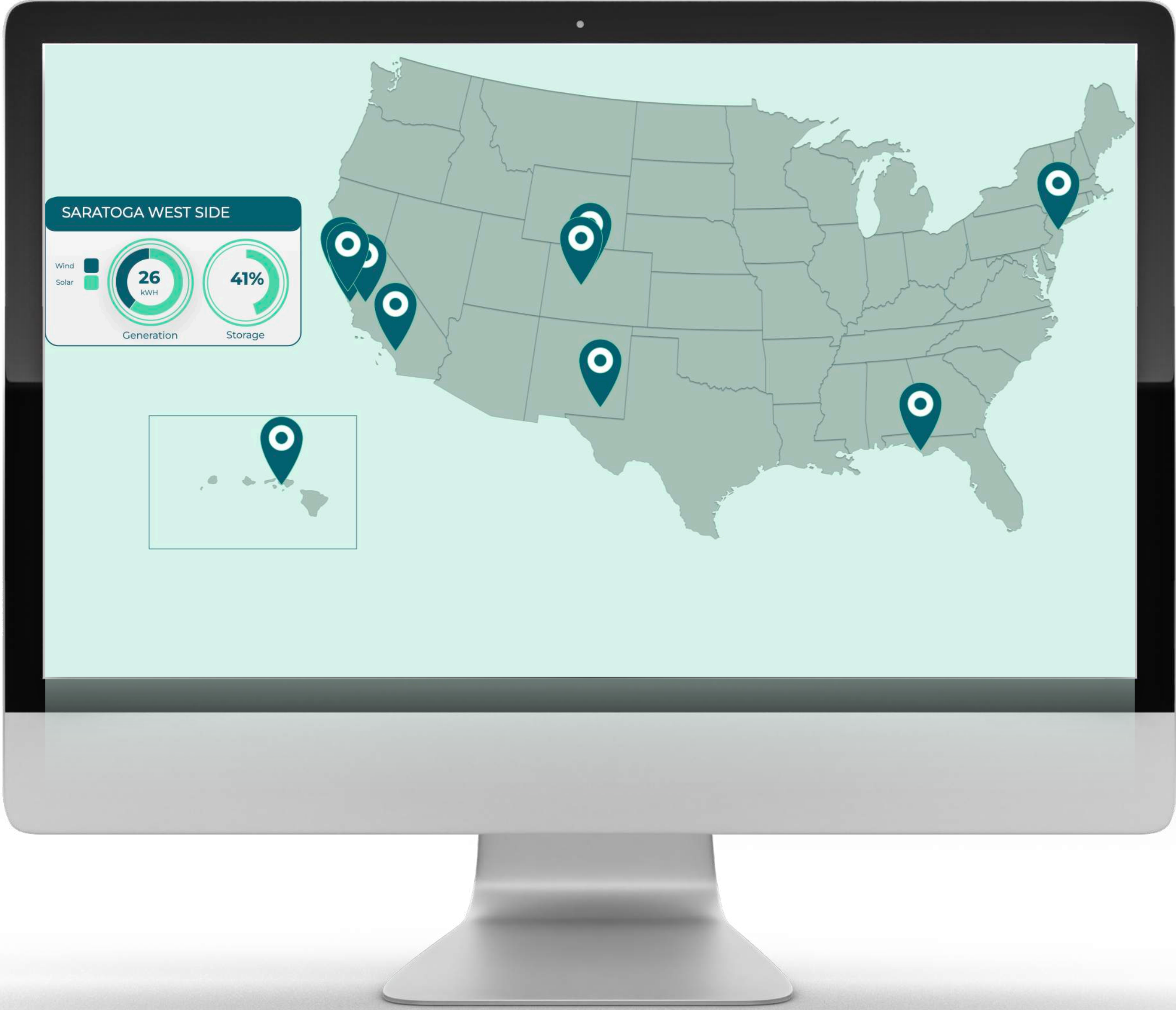
24-HOUR ACTIVITY





DATA
HUB

WINDQUIET'S DATA HUB



GETS STRONGER AS IT GROWS

Every new micro-grid improves performance for the entire network thanks to machine learning

PRESERVES INVESTMENT VALUE

Not just predictive maintenance, but also a community of pioneers optimizing their grids

BENEFITS PEOPLE & PLANET

Data-fueled reliability drives the transition to clean energy, and protects mission-critical infrastructure

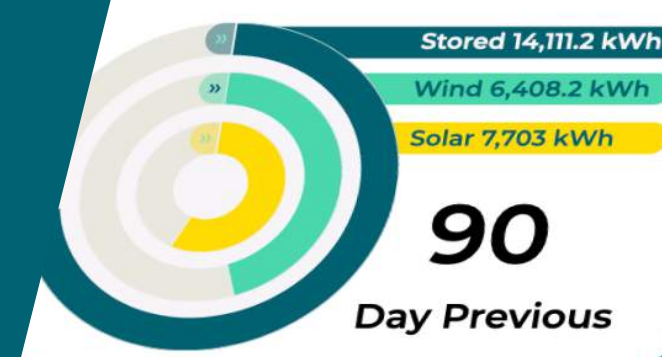
THANK YOU

info@enerrenew.com

+1(408)709-3005

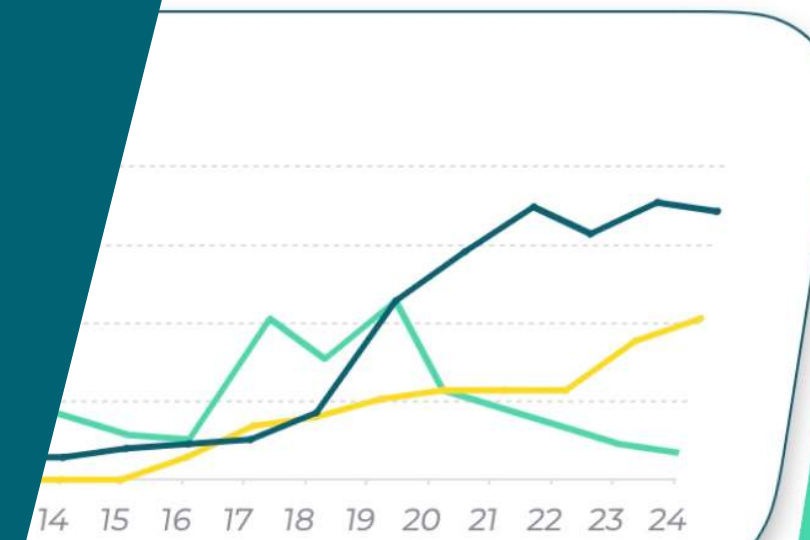
SPRING 2023

GENERATION HISTORY



23
kWh

Generation



Wind

Solar

Wind Turbine North

81%

Wind Turbine South

84%

Solar Array Hillside

66%

Solar Array Garage

68%

Battery Array North

92%

