

TESLA

# OUR MISSION

Accelerate the world's transition to sustainable energy



# A SUSTAINABLE FUTURE



Clean Electricity

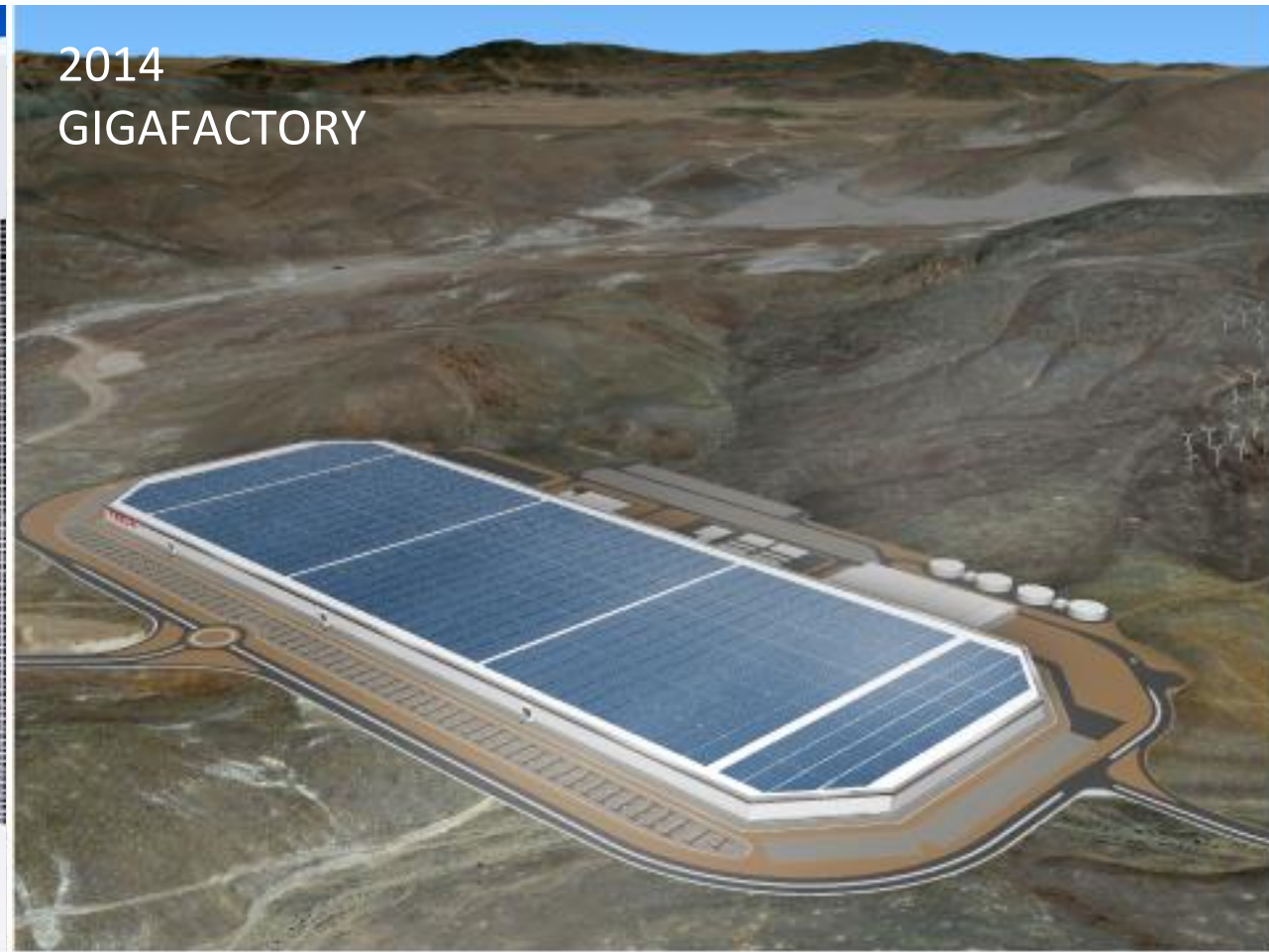


Flexible, Resilient Grid



Sustainable Transport

# TIMELINE OF INNOVATION



# ENERGY SOLUTIONS



Residential



Utility

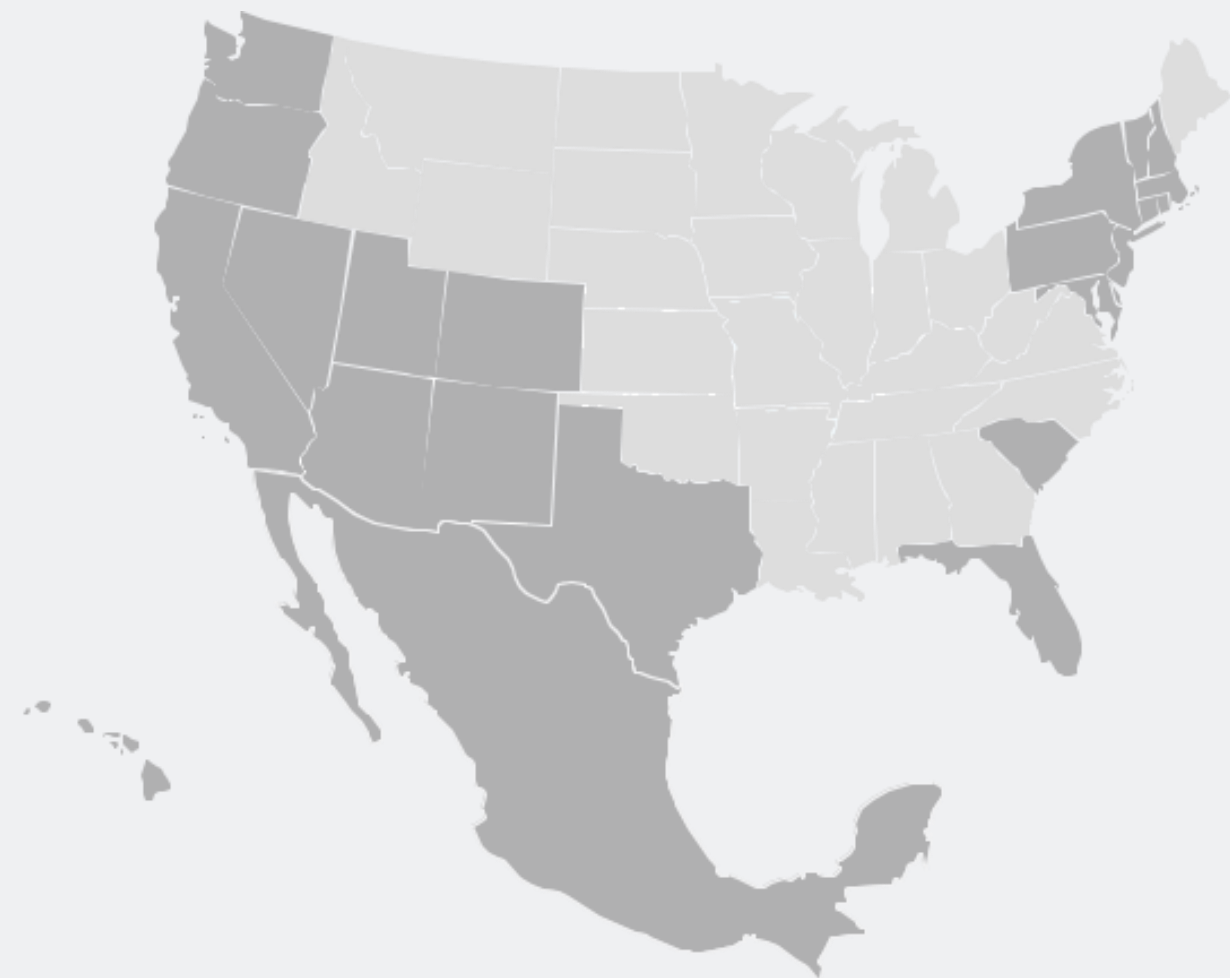


Commercial



Microgrid

# TESLA DELIVERING SYSTEMS AT SCALE



## SOLAR

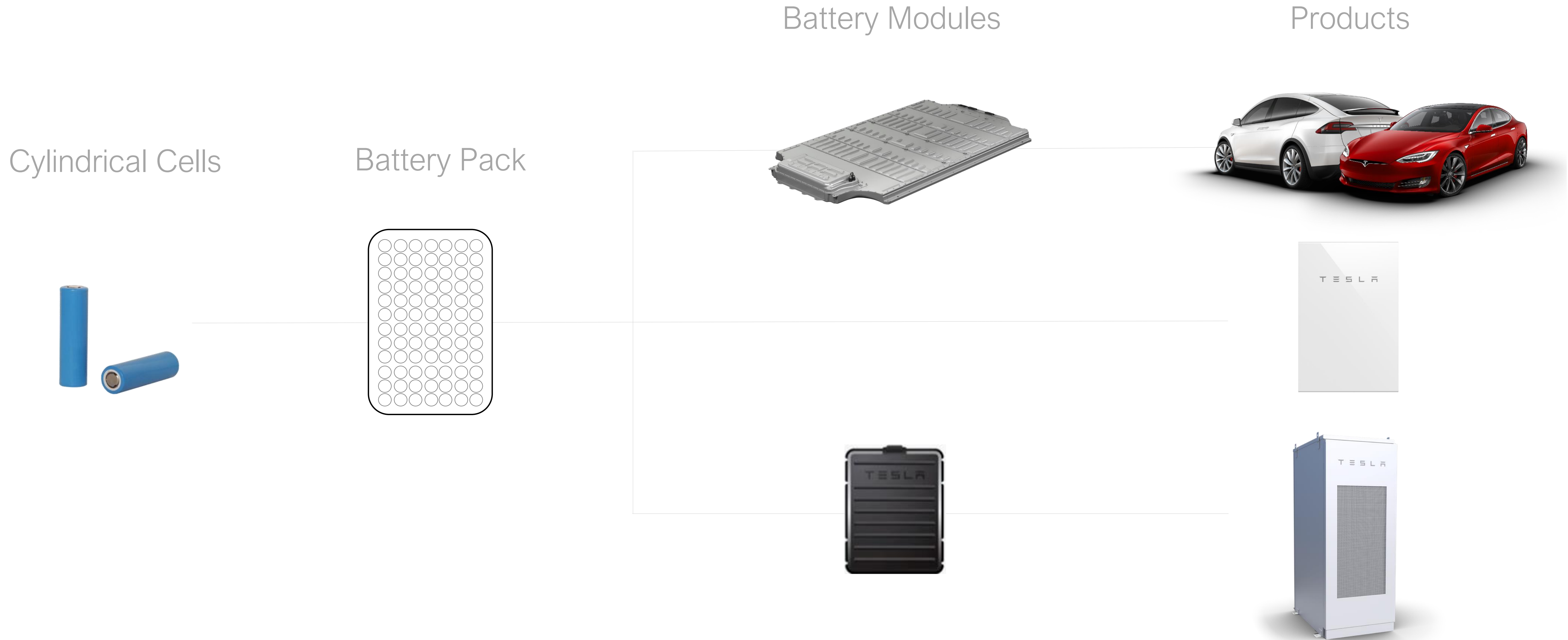
2,000+ MW Solar Deployed  
\$9 Billion+ Project Value



## STORAGE

300+ MWh Storage Deployed  
Systems Online in 18+ countries

# BATTERY ARCHITECTURE



# ENERGY STORAGE BENEFITS



Reduce energy costs

Consume and shift renewable energy

Improve power quality

Realize grid stability and flexibility

Provide emergency back-up



# NEOEN HORNSDALE WIND FARM



Location  
Hornsdale, South Australia

Storage Size  
100 MW | 129 MWh

Applications  
Load shifting  
Emergency backup

Commissioned  
Coming online in 2017

# KAUAI ISLAND UTILITY COOPERATIVE (KIUC)



Location  
Kauai Island

Storage Size  
13 MW | 52 MWh

Distributed Energy Resource  
13 MW Solar PV

Applications  
Solar self-consumption  
Load shifting

Commissioned  
2017

# AMERICAN SAMOA



Location  
Ta'u Island, American Samoa

Project Size  
1.4 MW solar  
750 kW | 6 MWh storage

Applications  
Wholly renewable grid  
Energy cost savings  
Energy security

Commissioned  
2016

# CONNECTICUT MUNICIPAL ELECTRIC ENERGY COOPERATIVE



Location  
Norwich, CT

Project Size  
15 MW PV  
1.5 MW | 6 MWh storage

Distributed Energy Resource  
Solar PV

Applications  
Solar self-consumption  
Demand reduction

Commissioned  
2017

# GREEN MOUNTAIN POWER



Location  
Homes across Vermont

Storage Size  
1.6 MW | 3.2 MWh

Applications  
Backup power  
Peak shaving  
Reduce T&D costs  
Grid stability

Commissioned  
2016 / 2017

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