

- Over 2000 ESS modules are stacked in towers, forming an ESS to inject artificial inertia into the grid
- The ESS can deliver 50-200MW bursts of power in milliseconds
- Key advantages of E-STATCOM
 - Short response time – Immediate active/reactive power injection for grid stability
 - Blackout prevention – Rapid response to prevent grid failure
 - Cost-effective – Low losses, easy maintenance, high efficiency, compact footprint
 - Flexibility and scalability – Easy scalable for various applications
 - Environmentally friendly – Small footprint and no direct CO₂ emissions



**Bursts of
active power
in milliseconds**