



Renewable Integration & Fast Frequency Response (FFR)

Statkraft Ireland

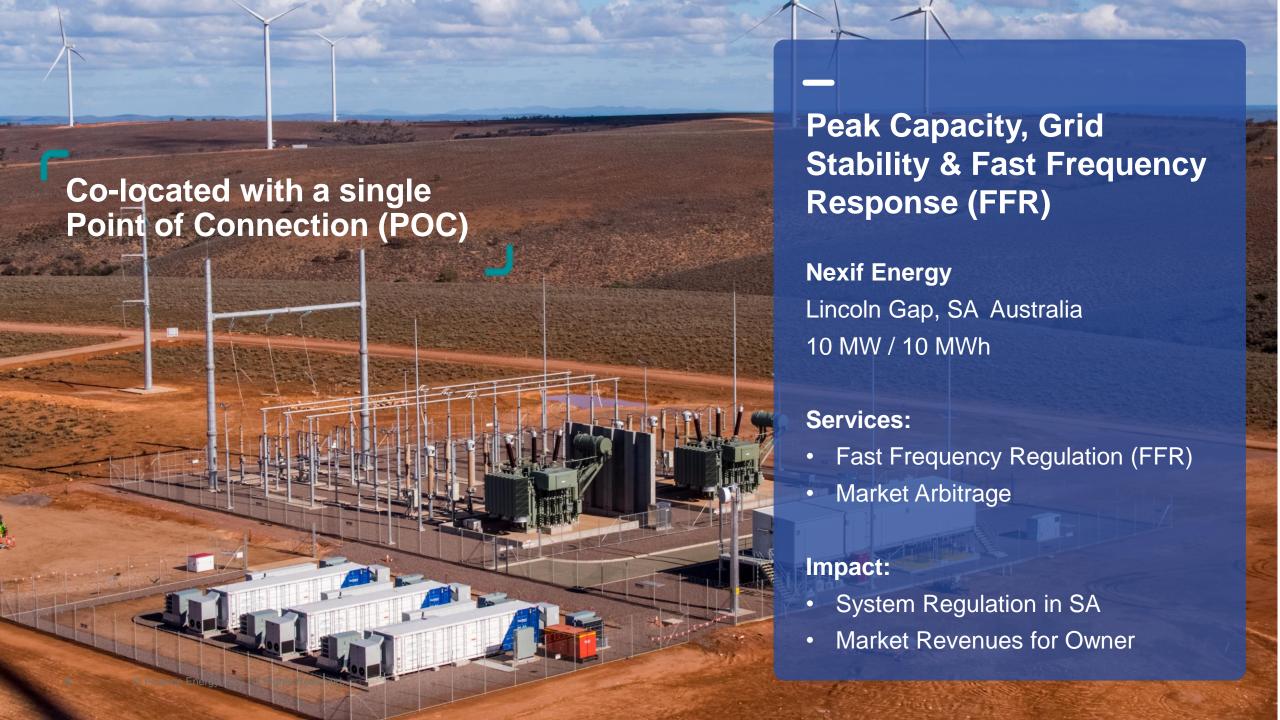
Kilathmoy, Wind Farm 34MW Wind-Battery hybrid plant

Services:

- DS3 Services (150ms guarantee)
- Reactive Power compensation

Impact:

- Grid Code Compliance
- Deployment Synergies
- Increased RES-E integration
- First DS3 battery in Ireland
- World's fastest software-controlled BESS



Flexible Peaking Power

AES Alamitos

Long Beach, California, United States 100 MW / 400 MWh

SERVICES

- Capacity, local reliability
- Peak power/off peak mitigation
- Ancillary services

IMPACT

- Competitive bid vs thermal peaker, cost effective
- Replaces environmental retired units
- Meets flexibility (duck curve)



South East Asia Portfolio

Key Developer

- Total Portfolio: 630MW
- Developer taking leading role to deploy needed assets to support Grid











Is the System designed for Safety?

Guiding principles of grid connected battery storage design



SYSTEM DESIGN



SUPPLIER QUALIFICATION



PROTECTIVE COMPONENTS



FIRE SUPRESSION SYSTEMS



MONITORING

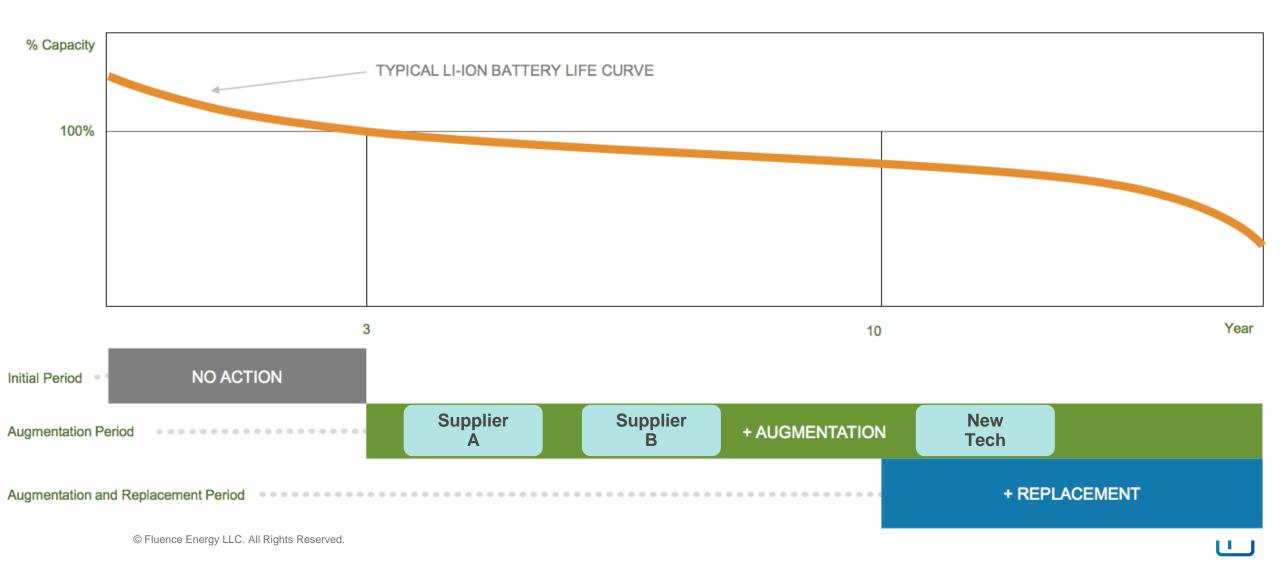


SAFETY
PROCEDURES
& CULTURE



Is the system being designed for your needs? Augmentation strategy Tradeoff between battery CAPEX and Revenue Power and Energy balance Inverter size Building versus Container NMC versus LFP batteries Air cooled versus water cooled

Is your integrator locking you with 1 supplier?



Is the technology bankable?

PRIORITIES

FOCUS AREAS CRUCIAL TO DELIVERING ON NPV

Minimize Total Cost

• Minimize project timeline risk and "learning pains"

Protect and Enhance Revenue

 Work with an expert on energy storage, able to lead adaptation to new market rules and conditions

Enhance Financial Options

Who is backing the integrators warranties?



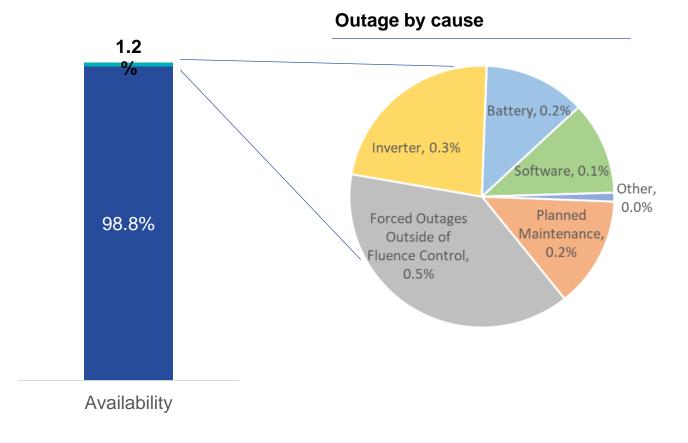
What are the Integrator's delivery capabilities?

- Security of battery supply.
- Ability to localize equipment and services.
- Integration with plant controller.
- Understanding of country specific Code requirements.
- EHS laws.
- Experience with project logistics.
- Experience to build, operate and maintain grid connected battery storage in country.



Integrator's focus on Grid Connected Energy Storage

- Track Record of the Integrator
- Will the Integrator be there in 10 years when you are calling in warranty?
- To what extent is your integrator offering to support your investment?
- Is grid connected battery storage core to the integrator's business?







Created and backed by investment grade industry powerhouses

SIEMENS Ingenuity for life



Fluence - Energy Storage is the only thing we do



Fluence is the global leader in grid connected energy storage

OUR TRACK RECORD







21
COUNTRIES
AND TERRITORIES





INDUSTRY RECOGNITION

NAVIGANT

FAST @MPANY

#1

ON NAVIGANT ENERGY STORAGE LEADERBOARD



#3
IN ENERGY,
FAST COMPANY
MOST INNOVATIVE
COMPANY







AES Dominicana

Leveraging Siemens' local capabilities Fluence's market reach is extensive and unmatched

