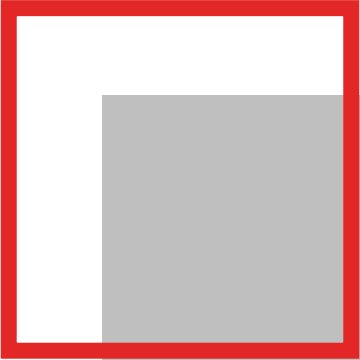




Half Year Results

September 2020

Agenda

- 
- 1** Strategic Update
 - 2** Product Update
 - 3** Current Trading
 - 4** Half Year 2020 Financials

Presenters



Larry Zulch
CEO

- Over 25 years as CEO of investor-backed technology businesses
- Focus on directing companies transitioning from development stage to commercialisation
- Worked on first solar thermal micro-utility / PPA in 1980s in California
- CEO of Dantz, acquired by EMC (Dell EMC)
- CEO of Savvius, acquired by LiveAction (Insight Venture Partners)



Matt Harper
Chief Commercial Officer

- Avalon Battery founder
- Responsible for sales, business development, marketing, and field engagement
- 20 years in flow battery & fuel cell industry with strong technical and product background
- Senior positions at VRB Power Systems and Prudent Energy
- Masters from MIT



Peter Dixon-Clarke
Chief Financial Officer

- Deloitte trained chartered accountant
- 30 years experience in financial services and energy
- CFO of both AIM & fully-listed companies, including Rockhopper, Kuwait Energy, Hotspur Geothermal
- First CFO of national charity, Help for Heroes

Shifting to renewable energy requires energy storage.

Lithium will not meet all future energy storage needs.

Invinity delivers the flow battery alternative.

Invinity's goal is simple: 10% of the global energy storage market by 2030.

Key Strategic Priorities

Deliver Energy Superhub Oxford (ESO) project

- ❑ Key demonstration of flow batteries for grid services
- ❑ ESO project key reference point for future large scale projects

Advance Commercial Opportunities

- ❑ Significant deal flow requires tight focus on most promising deals
- ❑ Lengthy, resource-intensive process

Deliver on Signed Deals

- ❑ Manufacturing excellence
- ❑ Support and delivery engagement and partnerships

Pathway to Profitability

Invinity Accomplishments (First Six Months)

March 2020	Merge two development-stage leaders in vanadium flow batteries during a global pandemic.
April 2020	List Invinity on the London Stock Exchange (AIM:IES)
May 2020	Launch Invinity brand and market presence.
June 2020	Announce signed orders for 1.7 MWh from commercial activities post merger.
July 2020	Begin final assembly manufacture of VS3 for Energy Superhub Oxford project.
August 2020	Achieve internal milestones for integration process.
Sept 2020	Disclose first merged financials as one company.

Product Update and Current Trading



Invinity Flow Battery Value Proposition

Longer Duration

Optimized for requirements of 3 to 10 hours.

More Durable

No degradation from heavy cycling; 25-year lifetime

Safer

Non-flammable; no risk of thermal runaway

Compelling Economics

Superior levelized cost of storage (LCOS)

Sustainable Materials

No conflict minerals; major components easily recyclable

Factory Built

Standardized product drives price down and quality up

Invinity's Battery Product

Invinity VS3

	Battery	Project
Rated Power, Continuous:	78 kW	Up to 10 MW
Energy Storage, Nominal:	220 kWh	Up to 24 MWh
Energy Storage, Duration:	2 – 12 hours	
Form Factor:	20' container size, handling	
Lifetime:	25 years	
Recommended depth of Discharge:	100%	
Cycle Life:	Unlimited	



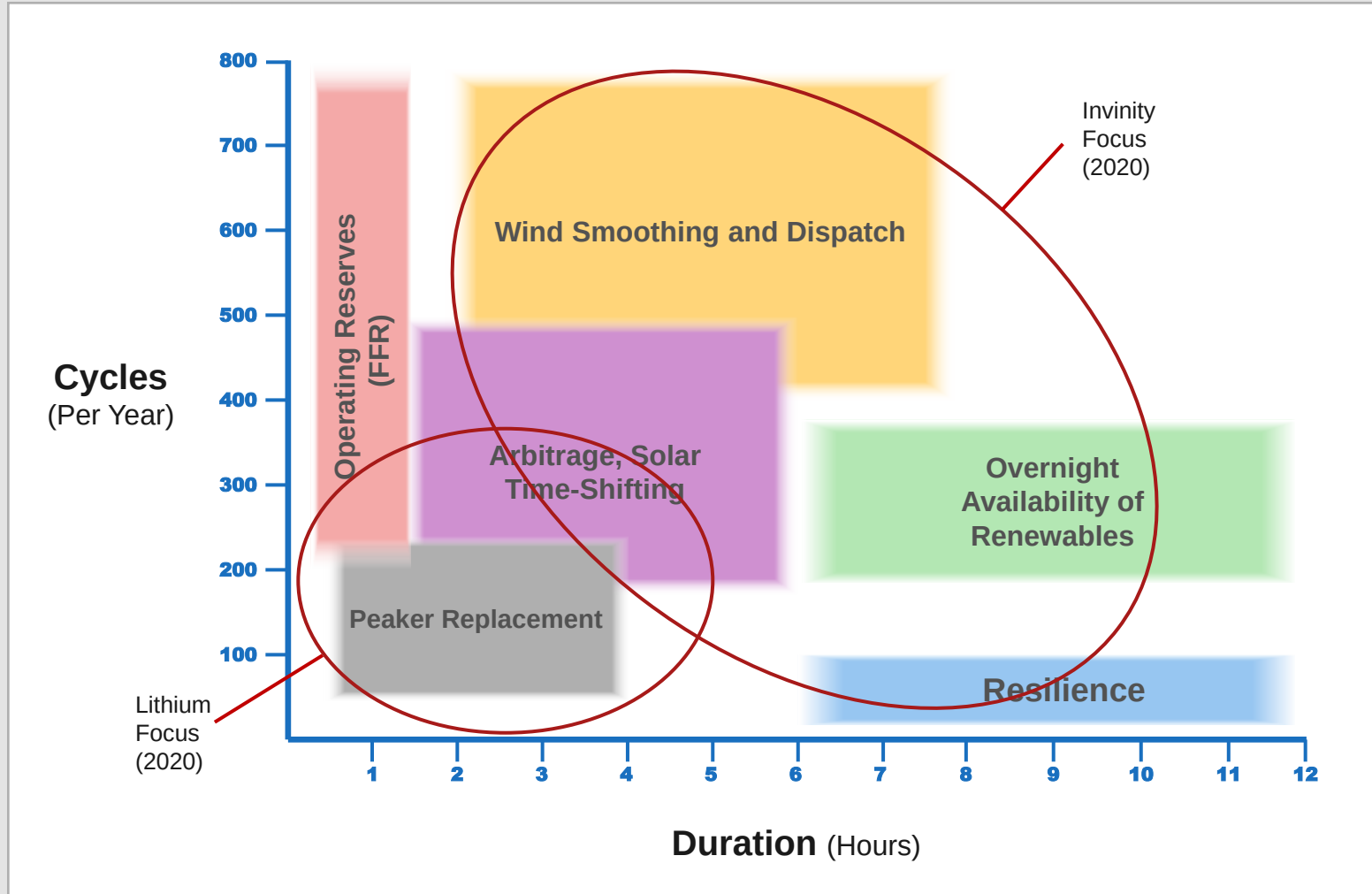
Rather than typical flow battery custom production, Invinity's flow batteries are mass produced in a dedicated factory.

*Invinity's dedicated facility
in Suzhou, China*



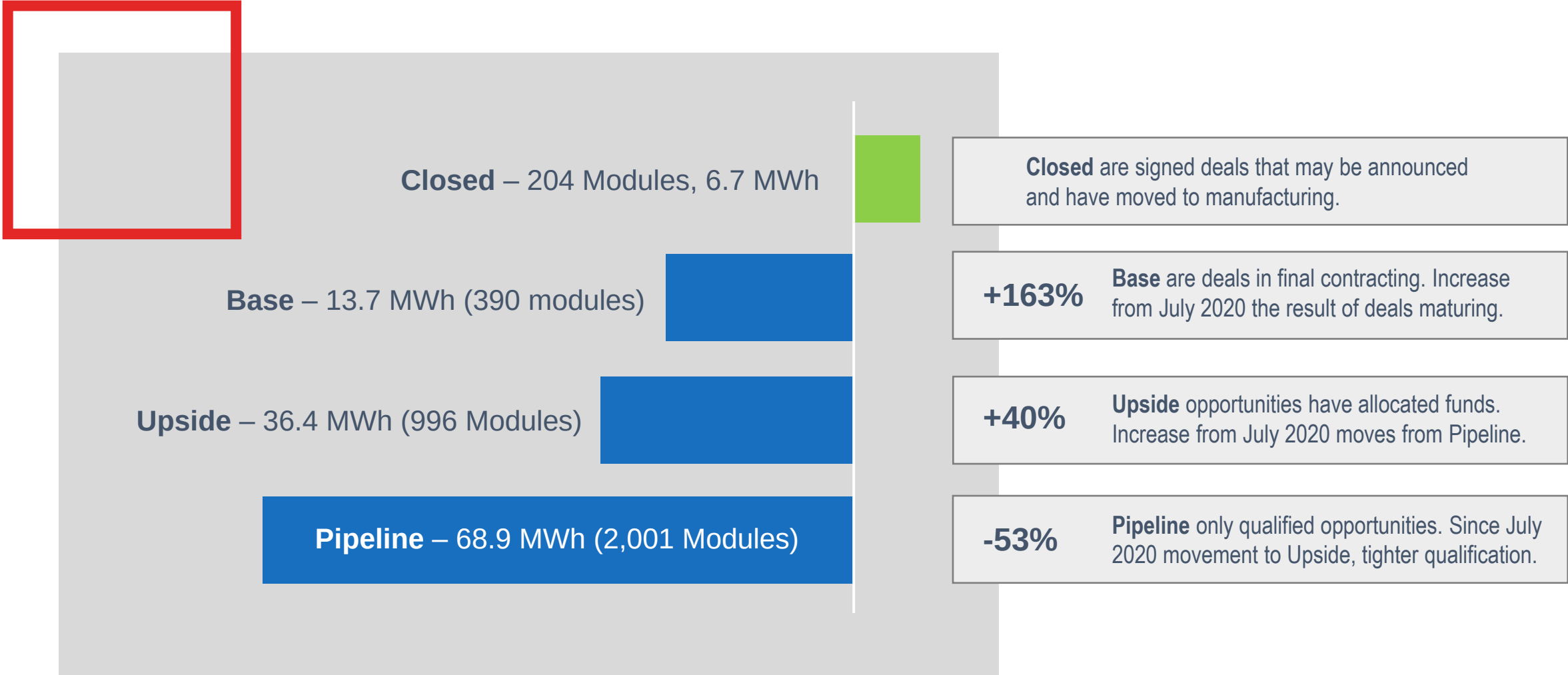
California Strategy Example

Notes



- 1) Governor Newsom (Aug 2020) “our capacity on **storage in particular** ... substantially needs to be improved.”
- 2) Where lithium focuses is the largest market segment, but that is **changing**.
- 3) Increased adoption of renewable energy is pushing the center of the market **up and to the right**.
- 4) **California Energy Commission** (March 2020) “Solicitation for demonstration of non-lithium energy storage for 10 hours or longer.” (\$20 million awarded.)
- 5) Markets develop when products are **available**; before Invinity, credible long-duration, heavy-cycle batteries were not commercially viable.
- 6) California is showing a **probable future** for every market moving toward renewable energy.

Sales Pipeline by Deal Stage



Manufacturing Capacity Utilisation

Invinity's current deals in Base and Upside are sufficient to support plans to ramp up manufacturing capacity in line with future demand

Manufacturing ramps:

1. Second shift
2. Suzhou process optimization
3. Second stack line





Grid-connected hybrid (flow plus lithium) project

- 2MW / 5MWh flow battery system
- Fulfilled with 27 Invinity VS3 batteries (162 modules)
- Developed by EDF's Pivot Power
- ~45 sites across the UK

Consortium Partners



Energy Superhub Oxford

Progress towards project completion

- Civils and site preparation work in progress at Cowley site
- Major sub-assemblies now inbound to Bathgate for final integration
- Delivery phase to commence by year-end, with commissioning phase to take place in early 2021



Half Year 2020 Financial Results



Highlights

- Revenue **£0.3m** (H1 2019 £0.2m)
- Operating loss, including £1m of merger transaction costs, from continuing operations **£5.0m** (H1 2019 £3.9m)
- Half year end free cash **£4.5m** (31 December 2019 £1.2m)
- Net Assets **£38.7m** (31 December 2019 £12.6m)
- Borrowings **£0.1m** (31 December 2019 £1.1m) before 1 July 2020 £1.0m RiverFort debt facility drawdown
- Current cash **£2.9m**, current debt £0.9m and £2.0m still available under facility

Balance Sheet

Balance sheet	At 30.06.2020	At 31.12.19	Movement
	£'m	£'m	£'m
Non-current assets	36.7	13.1	23.6
Current assets (ex. cash)	2.0	1.1	0.9
Cash	4.5	1.2	3.3
Current liabilities	(3.8)	(2.9)	(0.9)
Non-current liabilities	(0.7)	0.0	(0.7)
	38.7	12.5	26.2
Equity	138.5	109.2	29.3
Reserves	(99.8)	(96.7)	(3.1)
	38.7	12.5	26.2

Non-Current Assets

Non-current assets	£'m
Opening position	13.1
Fair value of merger consideration	22.3
Net liabilities acquired	4.0
Bushveld loan discharged	(5.0)
Rate of exchange	2.3
	36.7

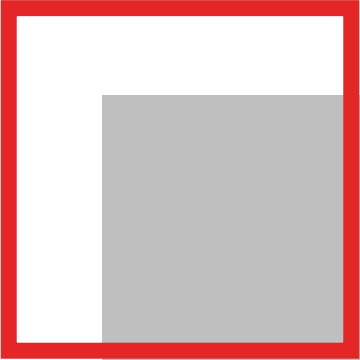
Cashflow

Cash	£'m
Opening position	1.2
Net proceeds from fundraising	7.4
Cash acquired from merger	1.3
Proceeds from pre-merger Avalon loan	0.8
Other investing & financing activities	(0.2)
Adjusted loss for the period	(4.3)
Working capital adjustment	(1.7)
	4.5

Equity

Equity	£'m
Opening position	109.2
Placing & open offer, net of transaction costs	7.4
Acquisition of Avalon share capital & voting equity	18.2
Discharge of Bushveld loan	3.2
Issued in lieu of services provided	0.5
	138.5

Summary

- 
- A red square graphic with a white border, positioned to the left of the list items.
- 1** Successful merger
 - 2** COVID-19 navigated
 - 3** Commercial contracts imminent
 - 4** Production capacity ramp
 - 5** Market outlook never stronger

Questions





Electrolyte Rental

Advantages

- Up-front capital cost reduced by approximately 30%
- Decreased total cost of ownership
- Ongoing commitment to VFB performance

Rental Structure

- High residual value at end of life eliminates depreciation
- Rental (not lease) payments relate to carrying cost of asset only
- Processing and logistics paid up front

Requirements

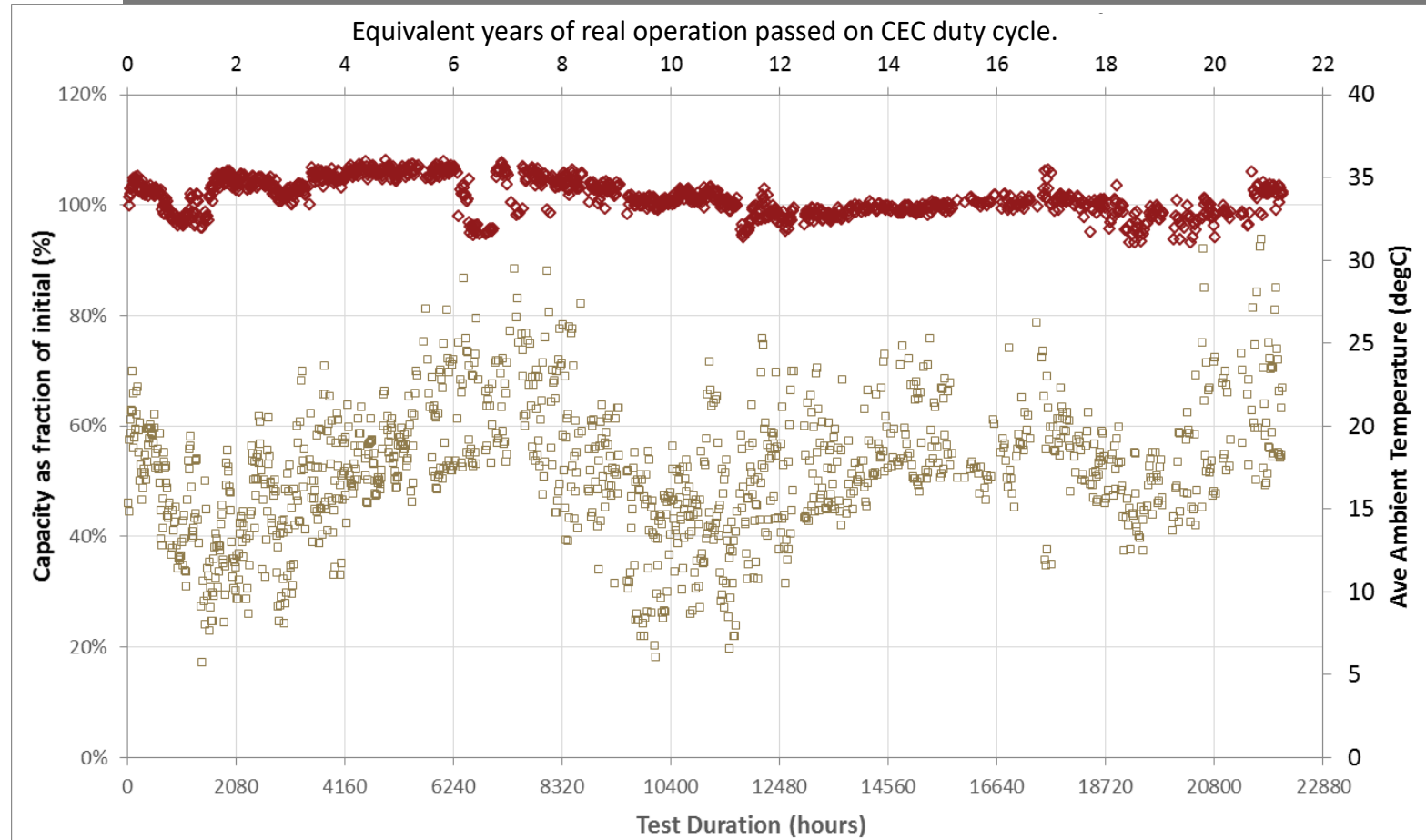
- Project 4 MWh or larger
- Credit-worthy counterparty

Project Experience



Demonstrated Durability

Negligible capacity degradation over equivalent of 30 years in customer's test.



Outdoor Temperature
Variations
0 to 45 °C max

5 to 32 °C average
Per 12 hr cycle