



Amendment to existing Special Permit and Site Plan Approval (September 2019)

Public Hearing for the Town of Duanesburg, NY

August 19, 2021

Who is Amp?

- Amp bought the Oak Hill projects from Eden Renewables
- Toronto-based renewable energy company - founded in 2010
 - Entered US market in 2015
- Amp is the long-term owner and operator of 21 solar projects across the US, including 3 with batteries
 - In-house operations team



PV + BESS Project Benefits

- Power well over 3,000 NY homes
- Climate benefits – equivalent to removing 4,000+ cars
- Support New York's clean energy and grid resiliency goals
- Biodiversity and ecosystem services
- Community scholarship and education programs
- Economic: PILOT Payments, construction jobs



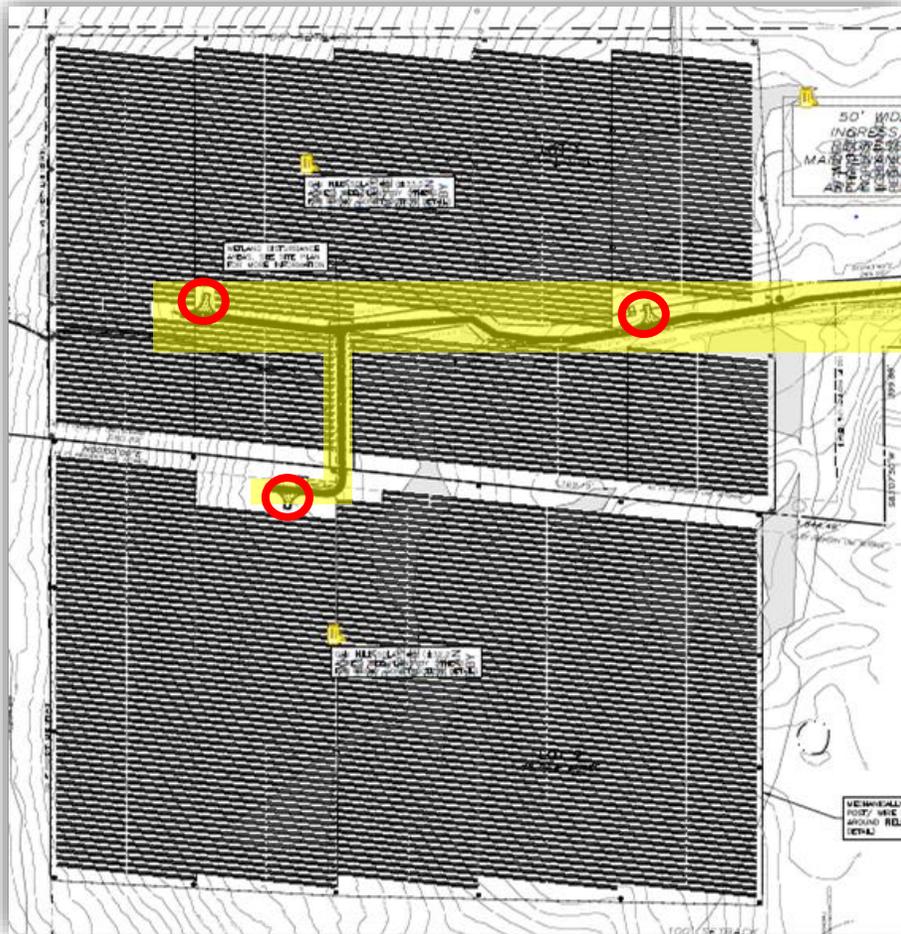
Modifications to the Approved Design

Enhance project safety and performance

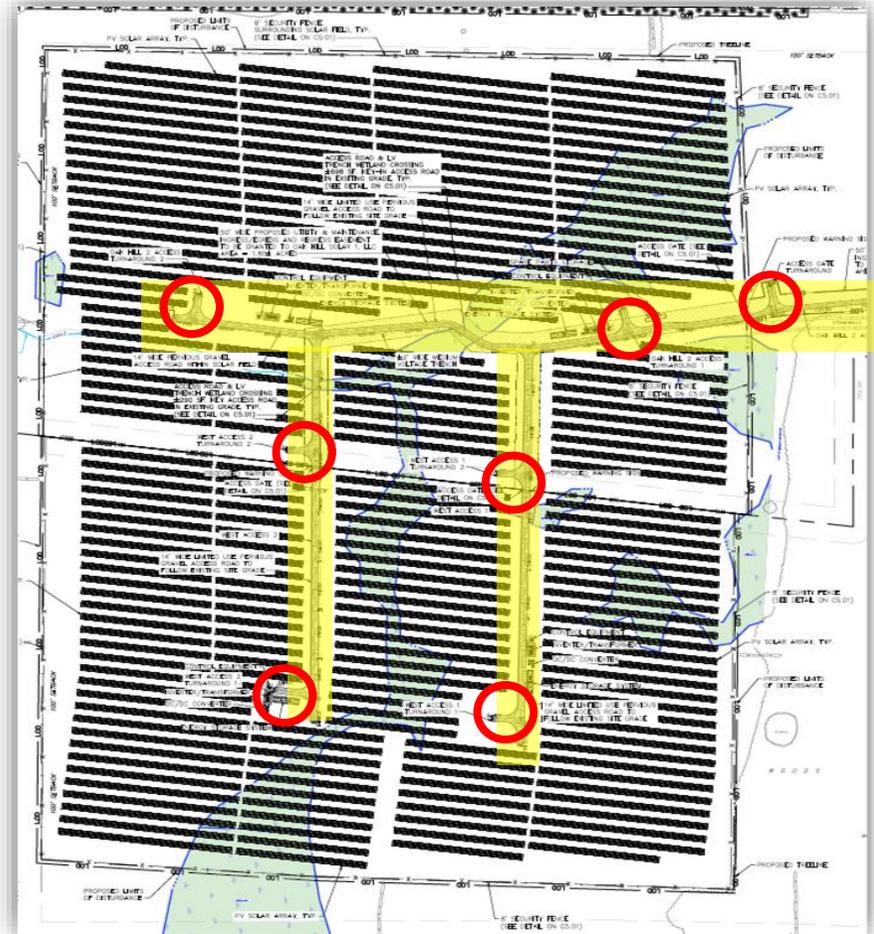
- 1) Slightly reduced array footprint and additional visual buffer and landscaping
- 2) Access roads expansion
- 3) Updated energy storage design

Access Roads Expansion

Redesigned pervious access roads

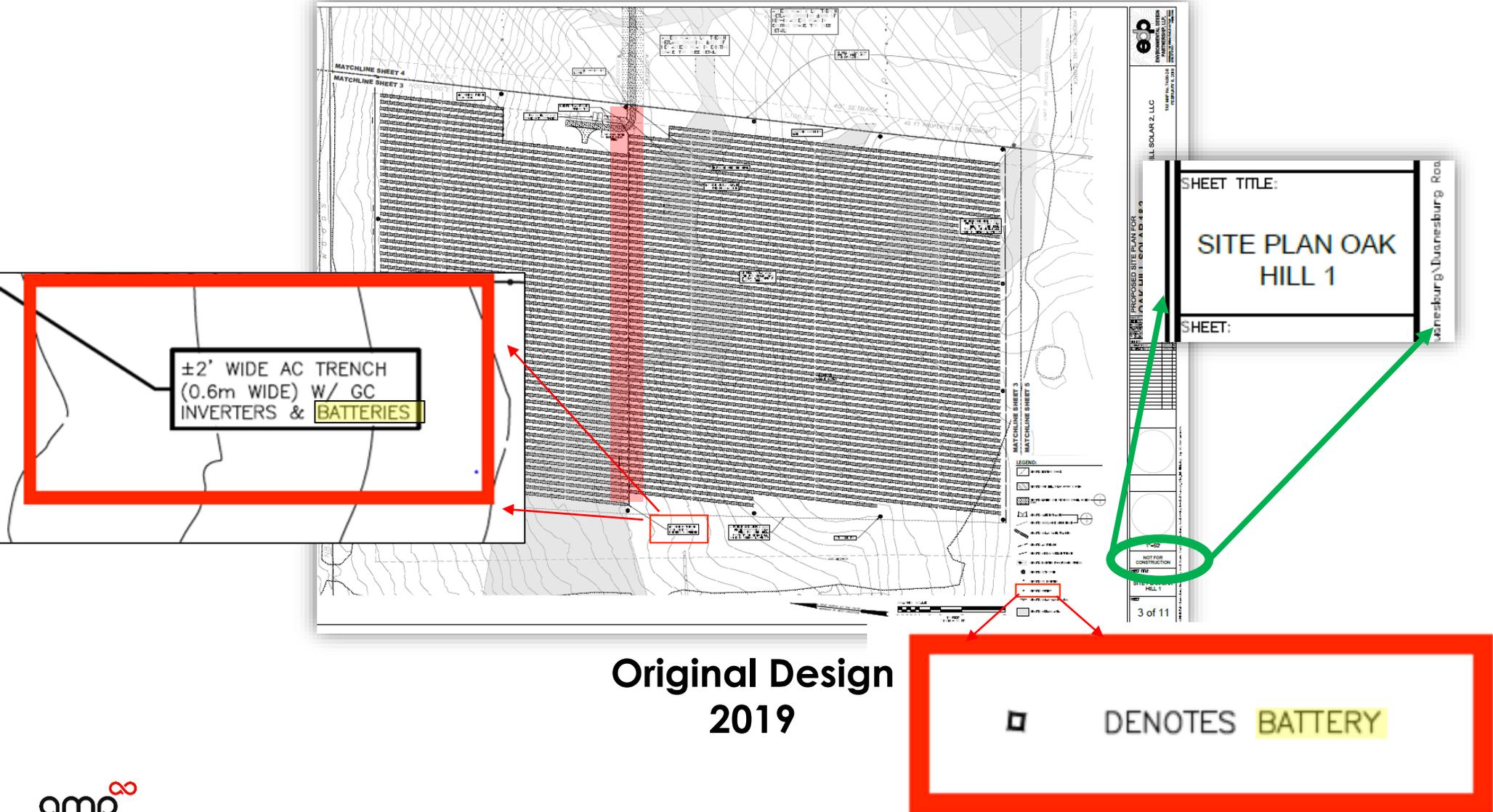


Original Design - 2019



Current Design - 2021

Sept 2019 Approved Site Plan - Oak Hill 1



Original Design
2019

Sept 2019 Approved Site Plan - Oak Hill 2

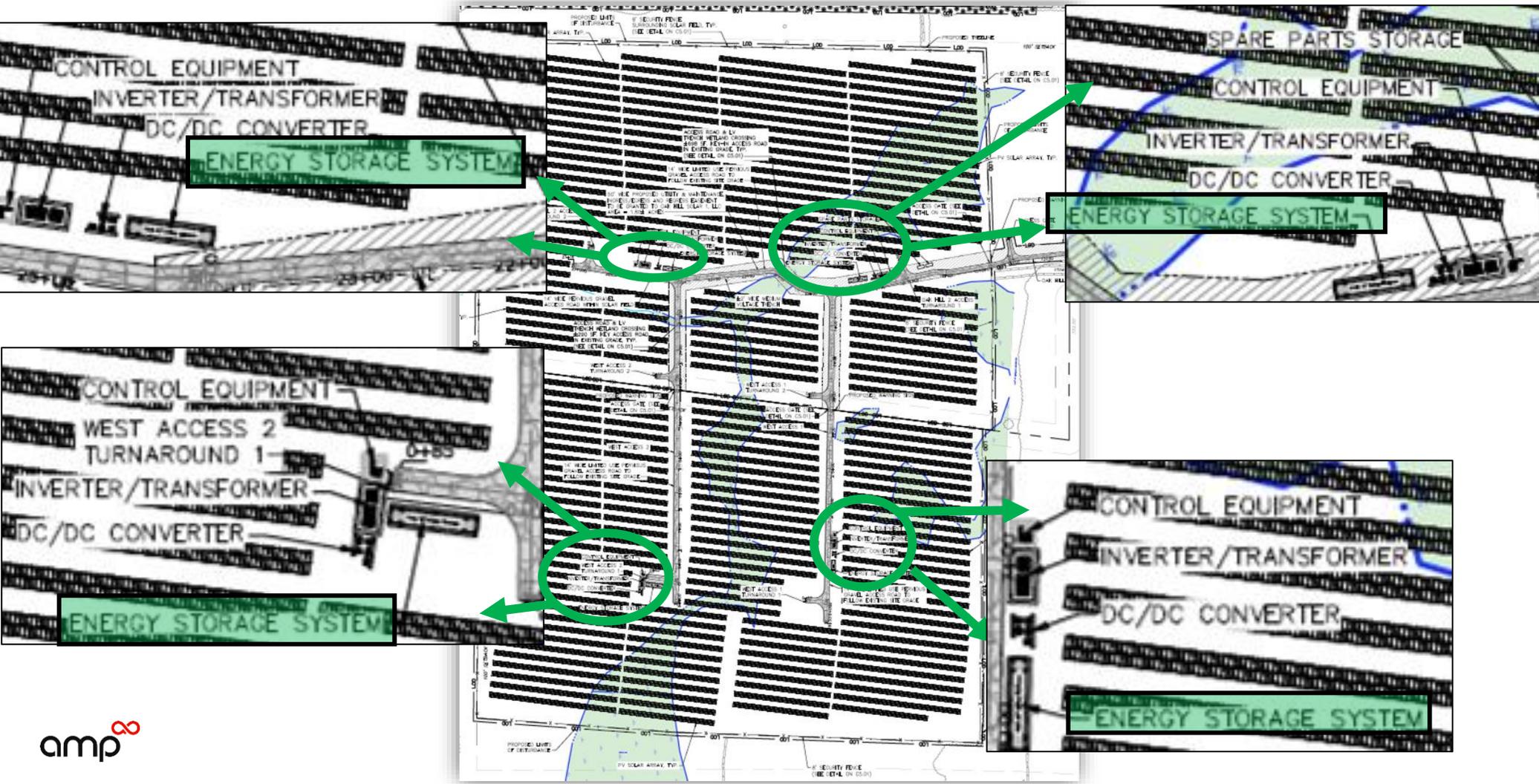


Original Design
2019

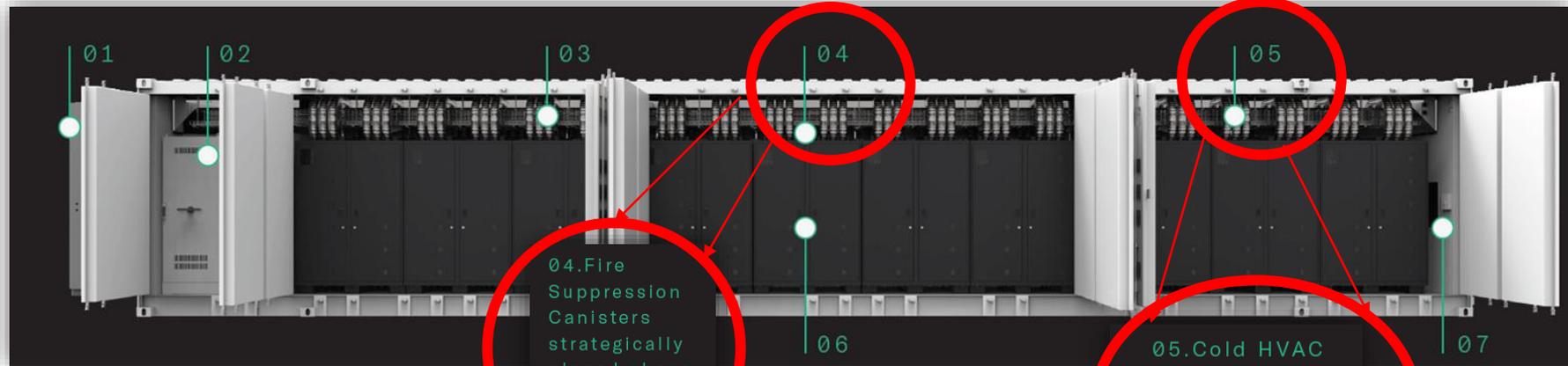
□ DENOTES BATTERY

2021 Solid State Energy Storage Design

Reduction from 11.78 MWh (2019) to 9.00 MWh (2021), per project



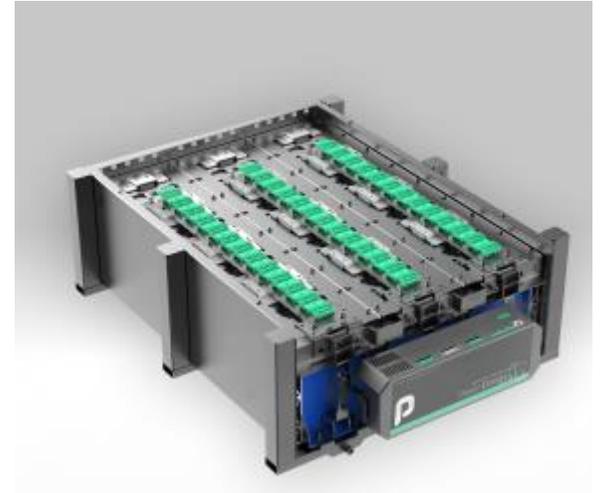
Updated Energy Storage Design



04. Fire Suppression Canisters strategically placed above each grouping of Stacks

05. Cold HVAC Air is ducted directly to the intake fans of each Stack

Battery Safety – Powin Energy



Conclusion

- Technology has advanced since 2019
- Proposed changes enhance project safety and performance
- Request extension to 2019 Approval
- Thank you



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