



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

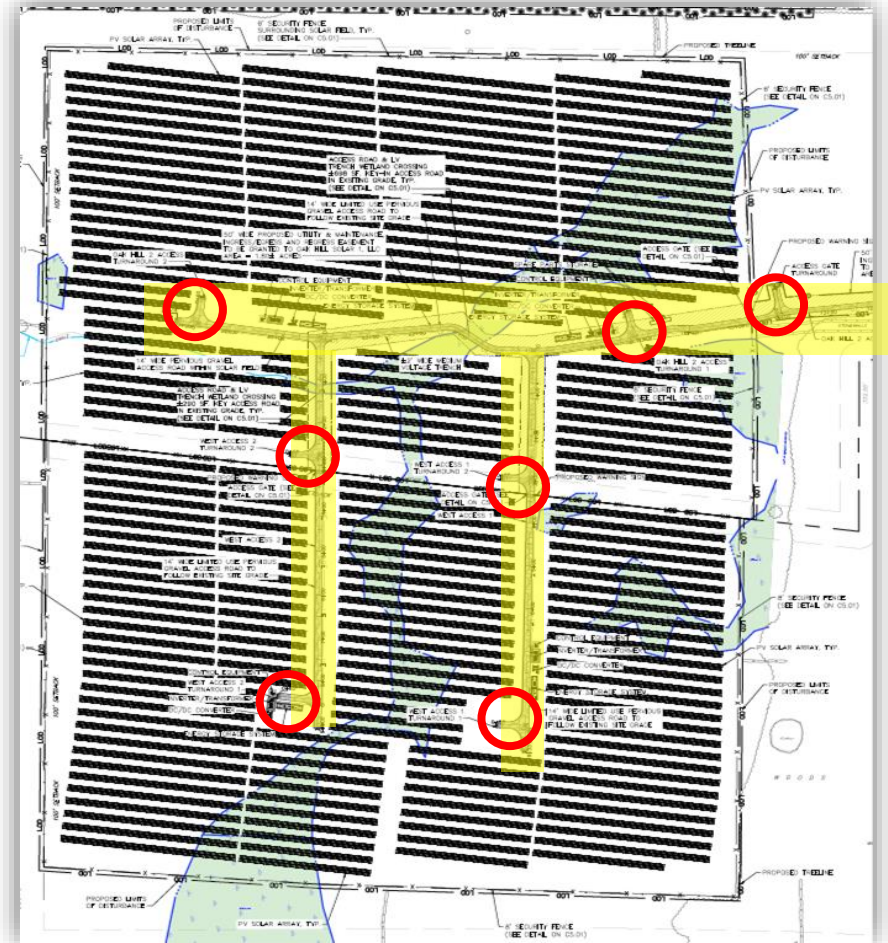
- 1) Slightly reduced array footprint and additional visual buffer and landscaping
- 2) Access roads expansion
- 3) Updated energy storage design

Access Roads Expansion

Redesigned pervious access roads

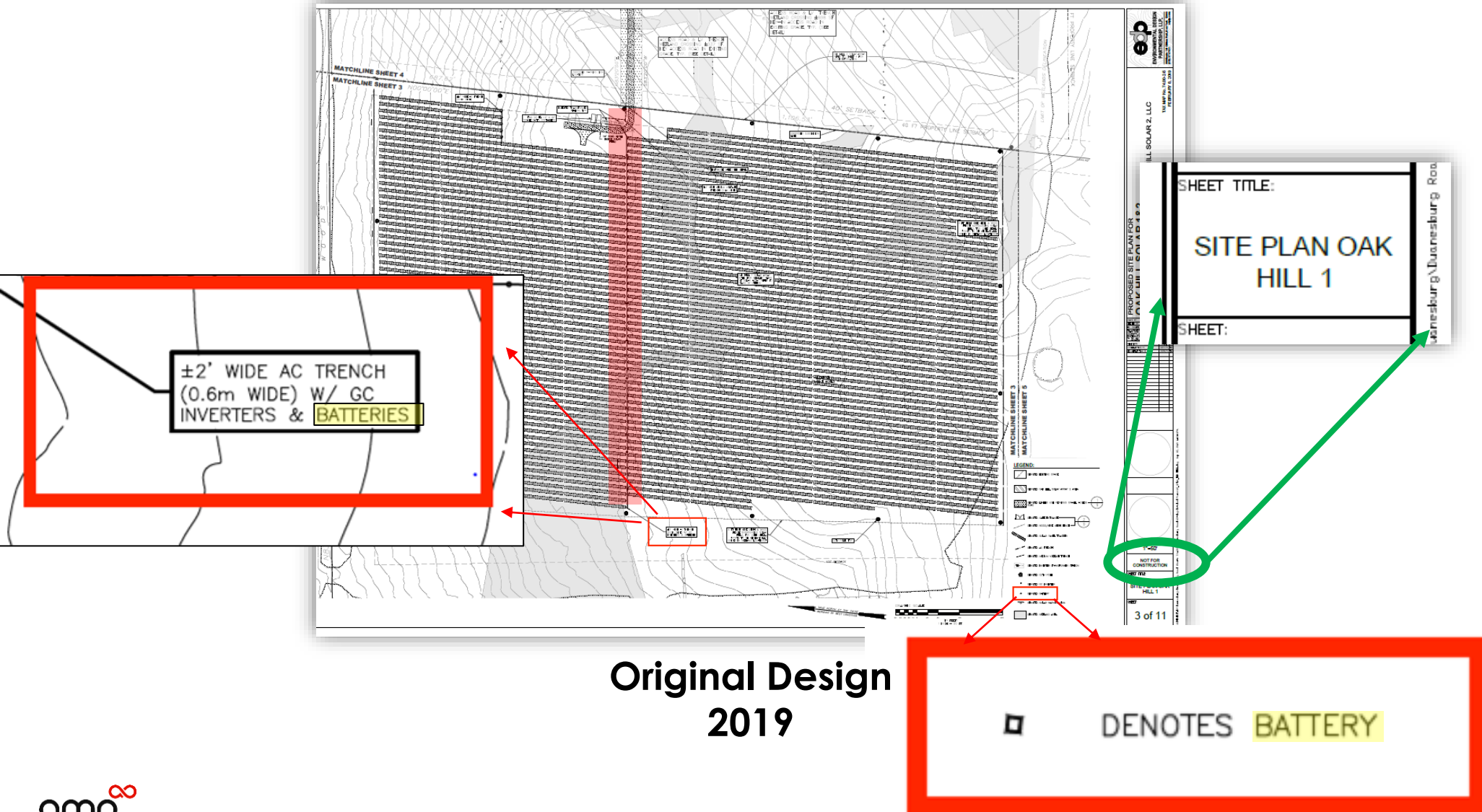


Original Design - 2019

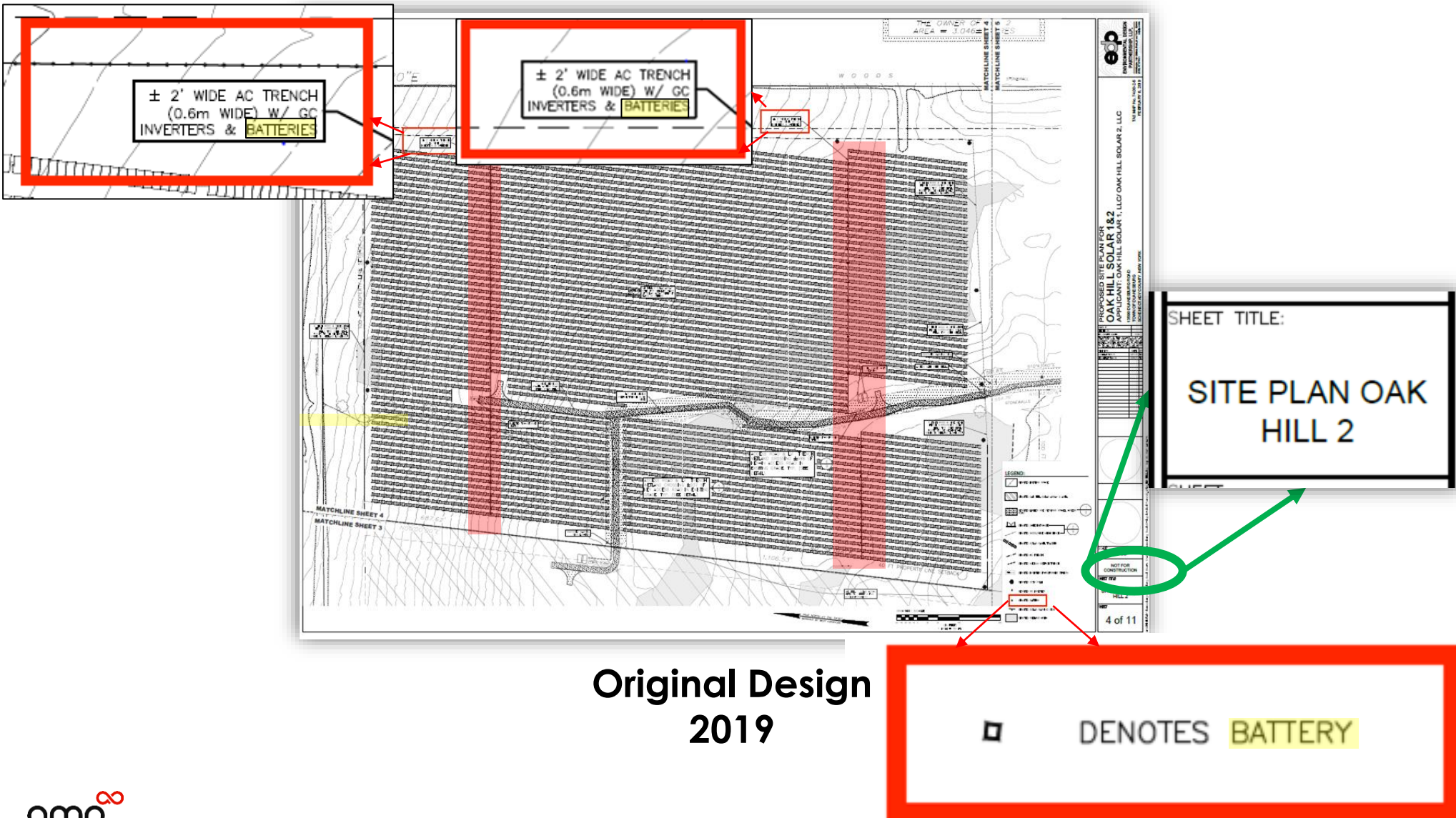


Current Design - 2021

Sept 2019 Approved Site Plan - Oak Hill 1

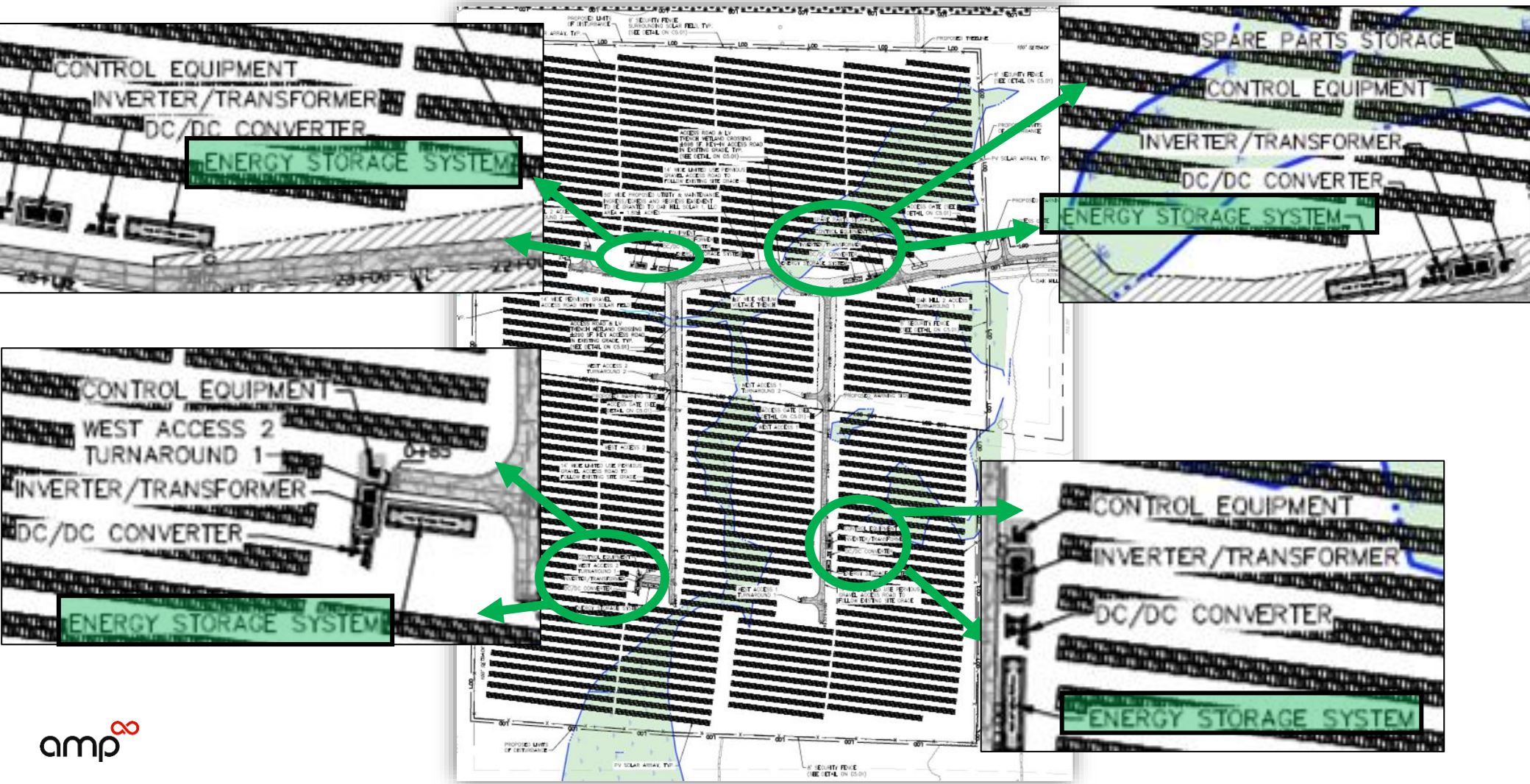


Sept 2019 Approved Site Plan - Oak Hill 2

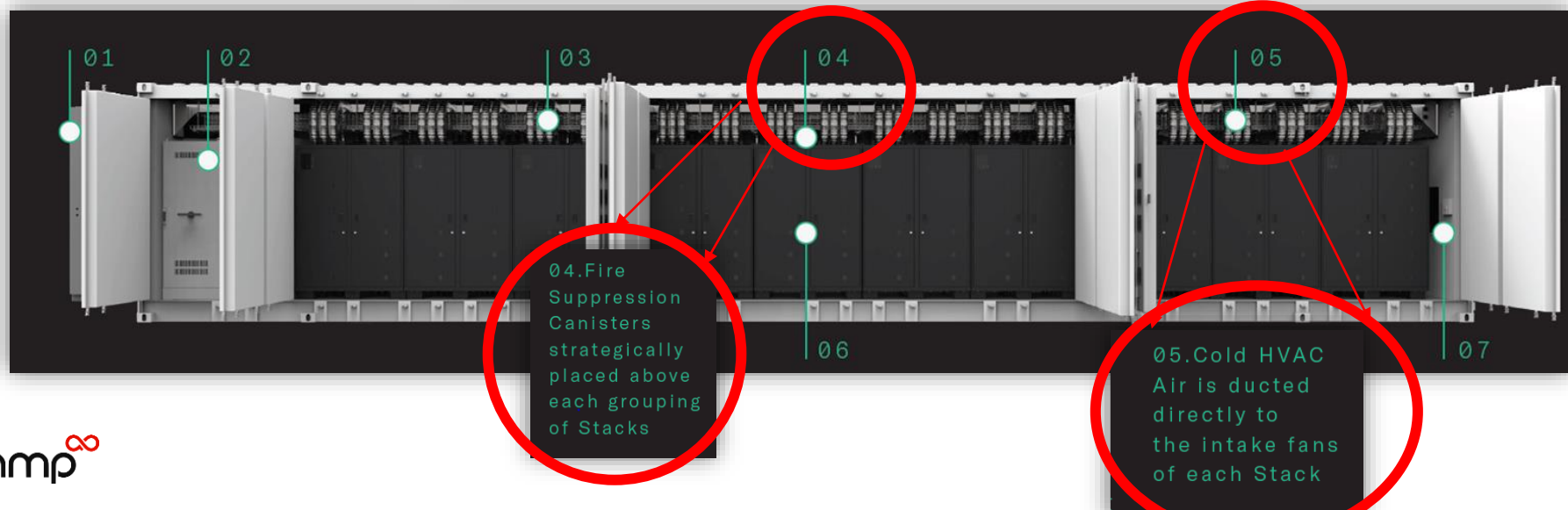


2021 Solid State Energy Storage Design

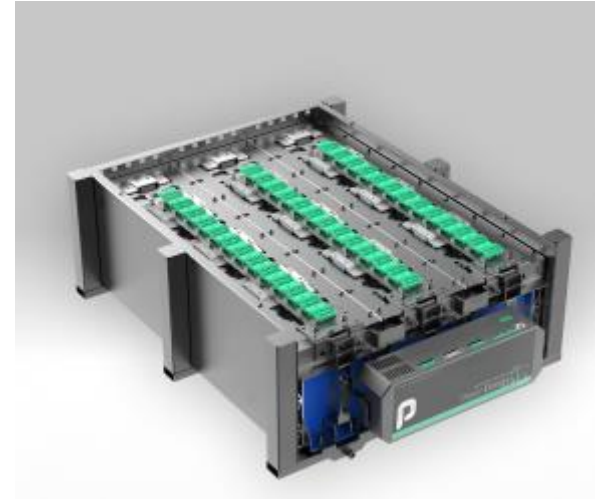
Reduction from 11.78 MWh (2019) to 9.00 MWh (2021), per project



Updated Energy Storage Design



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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