Partnering to Buy Renewable Energy
Aggregation Timeline

- 9/2018 – Energy advisor presents to LVAIC CFO’s and Facilities Directors
- 9/2018 – Lehigh Univ. hires energy advisor
- 12/2018 – Lafayette, Lehigh and Muhlenberg join
- 1/2019 – Start competitive procurement process
- 6/2019 – Developer interviews
- 8/2019 – Select Finalist project, begin contracting
- 10/2019 – Signed Exclusivity Agreement (60 days)
- Negotiations on-going
Aggregation Partners

- DeSales University
- Cedar Crest College
- Lafayette College
- Lehigh University
- Moravian College
- Muhlenberg College
- Dickinson College
- Haverford College
- Swarthmore College
- Temple University
- Villanova University

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Collaborative Framework

• Motivation to Form Cohort
  – Manage long term price volatility
  – Achieve economies of scale > 100,000 MWh
  – Unfamiliar territory, provide second opinions
  – Share soft costs across cohort

• Lafayette College Motivation
  – Climate Action Plan 2.0 carbon neutrality 2035
  – Multiple presentations to Board of Trustees
  – Approximately 47% of campus emissions
  – CFO appointed a team
Project Basics

• 15 year Power Purchase Agreement, flat price
• Taking 45MW of 200MW size project
• Institutions sign individual contracts
• Forecast positive economics
• Monthly reconciliation, still pay our electric bill
• Keeping project RECs, Green-e certified
• Educational and research opportunities
Reflections-Lessons Learned

• History of collaboration with peers
• Complex and time consuming, work with an experienced advisor
• Agreed on selection criteria up front
• Modeling future economics, no guarantees
• Keep decision makers in the loop
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