Alliance for Clean Energy New York
Annual Member Meeting & Fall Conference 2022

Almost There: Bringing Wind and Solar Projects to Construction

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Over 14 GW awarded since 2018 under the CES

Total Awards (2017-2021): 120+ projects
- Current Tier 1 Portfolio: 17 operating, 80 projects in development, and 18 in construction

<table>
<thead>
<tr>
<th>Tier 1 projects in construction</th>
<th>Estimated impact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Generation</td>
<td>2,285 GWh</td>
</tr>
<tr>
<td>Capacity</td>
<td>900 MW</td>
</tr>
<tr>
<td>Jobs</td>
<td>2,100+</td>
</tr>
<tr>
<td>Economic Benefits</td>
<td>$300+ million</td>
</tr>
<tr>
<td>Private Investment</td>
<td>$1.1+ billion</td>
</tr>
</tbody>
</table>

- 5 Wind projects in Construction:
  - 550 MW / 1,633 GWh / 500+ Jobs
  - $150+ million in Incremental Economic Benefits
  - $710+ million in private investment

- 13 Solar projects in Construction:
  - 350 MW / 652 GWh / 1,600+ Jobs
  - $150+ million in Incremental Economic Benefits
  - $450+ million in private investment
Almost There: Construction

Figure 1. A typical renewable energy project timeline for developer, financier and investor

Source: Journal of Electrical and Electronic Engineering, Risk management methods applied to renewable and sustainable energy: A review
Typical time from IR date to COD exceeds 4 years in most regions

Duration is calculated as the number of months from the queue entry date to the in-service date.

Source: Queued Up: Characteristics of Power Plants Seeking Transmission Interconnection as of the End of 2021, Lawrence Berkley National Laboratory
Clean Energy Standard: At least 9 years of Tier 1 Construction

Utility-Scale/LSR Opportunity
- Current Contracted/Awarded Tier Projects to be constructed: ~ 8,100 MW
- 2022 - 2026 Procurements consistent with Clean Energy Standard Whitepaper base case: ~ 10,000 MW
  - 4,500 GWh annual target
    Ordered by New York State Public Service Commission
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