



Solar Task Force Update
Board of Selectmen Review

July 28, 2014

Rooftop Solar Update

We recommend that the Board of Selectmen

- Approve the award of the rooftop Power Purchase Agreement to Ameresco; and
- Authorize the Town Manager to sign the associated agreements to execute that transaction.



Rooftop Solar Update

- Buildings
 - Current Size 1.1 MW over 6 buildings
- Economics
 - Returns range from \$2.7 million to \$6.9 million
- Approvals Status
 - ✓ School Committee
 - ✓ HDC Review
 - ✓ DPF Structural & Operational Review
 - ✓ Finance Review
 - ✓ Legal and Town Management Review

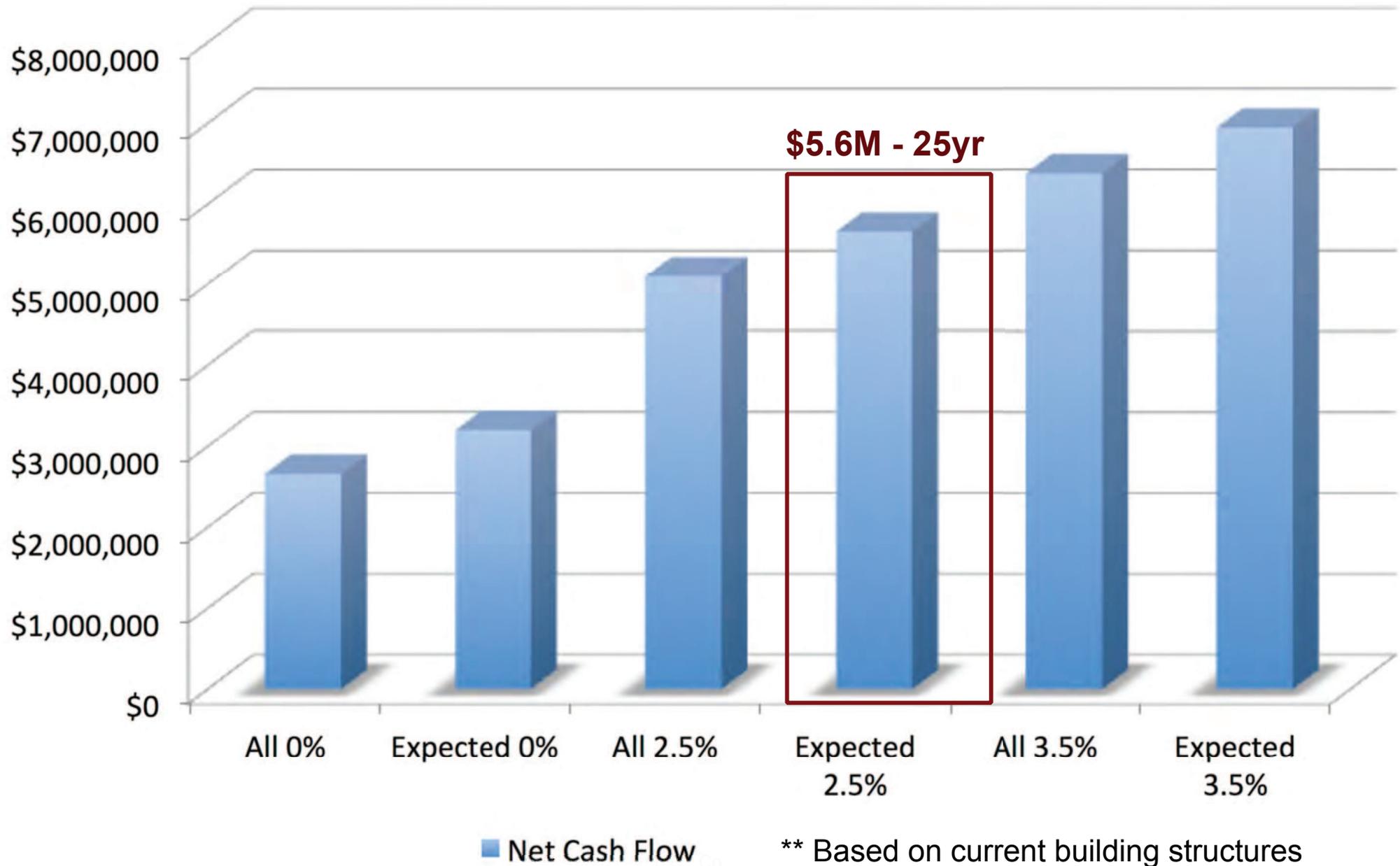


Lexington Solar Overview

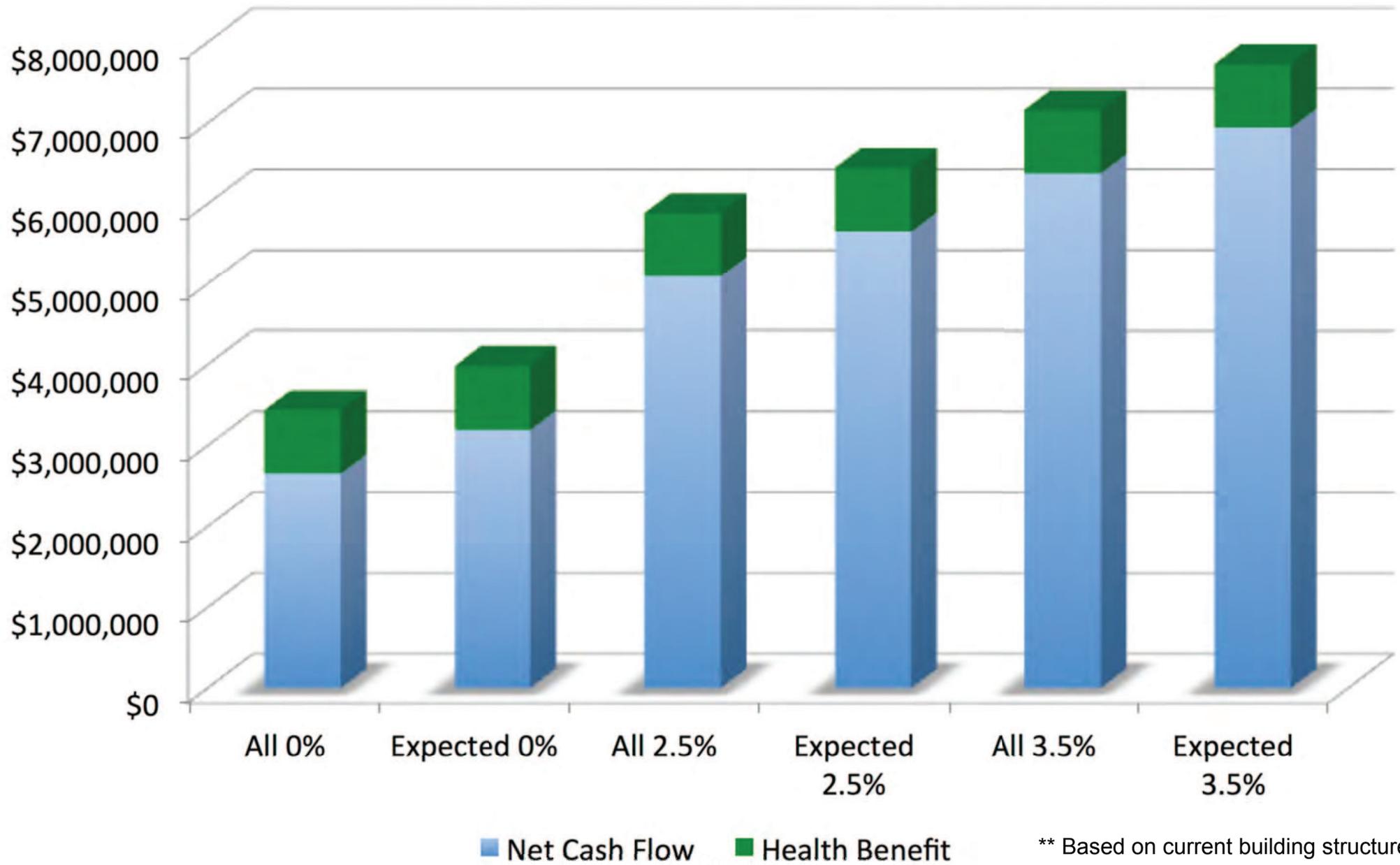
Building	Size (kW DC)	Production (kWh)
Lexington High School	459	548,462
Bowman Elementary School	94	113,084
Clarke Middle School	214	254,908
Harrington School	171	202,184
Estabrook School	133	158,549
Cary Memorial Library	38	43,615
Total	1,110	1,320,802



Rooftop Solar Net Benefit ^{**} After Remove & Replace Costs



Rooftop Solar Net Benefit ^{**} After Remove & Replace Costs



Key Issues Addressed

	Legal	Economic	DPF	Schools
• Construction and building access	✓	✓	✓	✓
• System Performance	✓	✓	NA	NA
• Ameresco sale / Non performance	✓	✓	NA	NA
• Change in law	✓	✓	NA	NA
• Roof Maintenance	✓	✓	✓	NA
• Roof Replacement	✓	✓	✓	NA
• Building Replacement (eg. LHS)	✓	✓	✓	✓
• Contract Extension	✓	✓	✓	NA
• Purchase Option	✓	✓	✓	NA



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