

PROPOSED PHASE 3 SOLAR SITES rev 1-8-2019

	Ameresco projects
	Macquarie projects

Roof Sites		Total First Year Output (kWh)	KW (AC)	KW (DC)	Location
1	Ed Center roof, 100 Walnut St.	95,799	67	81	Roof
2	Fire Station #3 and Headquarters, 31 Willow Street	77,395	67	63	Roof
3	Zervas Elementary School, 30 Beethoven Ave	216,094	167	182	Roof
4	FA Day Middle School roof, 21 Minot Place	303,215	233	254	Roof
5	Angier Elementary School Gym roof, 1697 Beacon St	102,448	73	91	Roof
6	Cabot gym roof, 229 Cabot School	75,582	50	64	Roof
7	Carr School, 225, Nevada Street	75,651	50	65	Roof
8	Williams Elementary School, 141 Grove Street	152,891	101	131	Roof
Total Phase 3 Roof sites kWh		1,099,075			

Parking Lot Canopy Sites					
9	Education Center parking lot, 100 Walnut St. (Crafts St side)	333,817	240	282	Parking lot
10	Oak Hill MS parking lot, 130 Wheeler Road, behind Oak Hill Middle School	192,208	136	164	Parking lot
11	Memorial Spaulding Elementary School parking lot, 250 Brookline Ave	197,303	136	175	Parking lot
12	Pleasant Street lot, Newton Centre	121,725	100	109	Parking lot
13	Mason Rice Elementary School Parking lot, 149 Pleasant St	195,822	136	164	Parking lot
14	North High School, Lowell Ave	589,262	366	492	Parking lot
	North High School, Walnut Street	319,631	192	267	Parking lot
15	Brown Middle School lot, corner of Meadowbrook Road and Wheeler Road	447,572	320	380	Parking lot
16	Auburndale Cove, West Pine St.	420,779	282	360	Parking lot
17	Newton Free Library, 330 Homer Street	415,000	260	334	Parking lot
Total Phase 3 Canopy sites kWh		3,233,119			

Phases	Annual kWh		Per Cent of Municipal Use
Phase 3 Total kWh-design	4,332,194		21%
Phase 2 Total kWh-actual	3,773,369		18%
Phase 1 Total kWh-actual	622,475		3%
All Phases kWh	8,728,038		42%
Municipal Total Use kWh	20,600,000		

Acres of forest equivalent in terms of carbon sequestration for Phase 3: 2,264