

UNIT 2, 248 EAST ST

ANNUAL ENERGY USAGE AND PV ARRAY SIZING

Heating COP	2.5
Monthly electrical usage applied to heat offset	275
Monthly electrical usage not applied to heat offset	25
PV Annual Production, kWh/kW	1,172

End Use	kWh/year
Heating	1,235
DHW	3,226
Electricity	3,600
Cooling	457
Total	8,518

Solar Electric System Size, kW 7.3

FROM MARC ROSENBAUM'S NET ZERO ENERGY MODELING SPREADSHEET
AS MODELED BY RACHEL STEVENS, MAPLE STREET ARCHITECTS
DESIGN PHASE