



# 37.2 kW<sub>DC</sub> Photovoltaic System

## Annual Production Estimate: 41,735 kWh



142 Presumpscot Street  
Portland, ME 04103  
(207) 221-6342

Customer Name:

Casco Terrace  
41 State Street  
Portland, ME

System Type:

Photovoltaic Array

SYSTEM SIZE:	
DC SYSTEM SIZE:	37.2 kW <sub>DC</sub>
AC SYSTEM SIZE:	31.4 kW <sub>AC</sub>

Point of Delivery:  
Main Service Panel  
in Basement Utility Room

Proposed  
Conduit Run

### PROJECT SUMMARY:

ITEM	DETAIL
MODULE TYPE:	(124) Q.CELL Q.PEAK-G4.1 300W, 60-CELL
INVERTER A:	(2) SOLAREEDGE 10000A-US, 240V, 1 PHASE
INVERTER B:	(1) SOLAREEDGE 11400A-US, 240V, 1 PHASE
OPTIMIZERS:	(124) SOLAREEDGE P300
ORIENTATION:	9.54° TILT, 127° AZIMUTH
RACKING:	BALLASTED FIXED-TILT FOR FLAT ROOF
LAYOUT:	3 ROWS OF 16, LANDSCAPE 2 ROWS OF 19, LANDSCAPE 2 ROWS OF 19, LANDSCAPE

Designed by: BA

Date: March 7, 2017

SITE PLAN

SHEET A01

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