

Ameresco

# 457 Walnut St, Newton MA

AERIAL PV CONSTRUCTION REPORT  
September 4, 2020





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# Site Overview

**Inspected On** September 4, 2020

**Power** 2.98 MW DC

**Address** 457 Walnut Street,  
Newton, MA, 02460

**Location** [42.346837,-71.207045](#)

**Time of Day** 5:56 AM

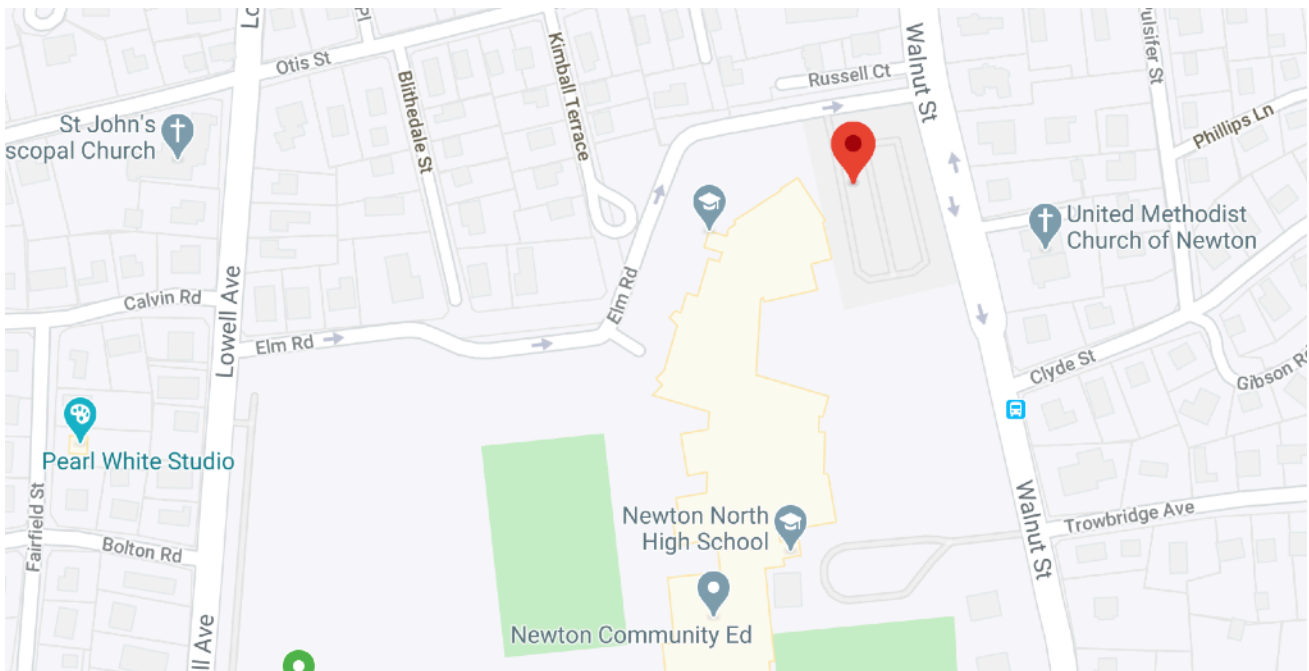
**Contact** Michael Williamson

**Title** Project Manager

**Company** Ameresco

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**Phone** +1 (508) 598 3018



**Module Name** 395W JINKO SOLAR JKM395-72HL-V

**Module Technology** Monocrystalline

**Module Layout** 18 Modules per string

**Inverters** (2) 60KW YASKAWA SOLECTRIA PVI-60TL-480  
(2) 50KW YASKAWA SOLECTRIA PVI-50TL-480

**Mount** SUNPOWER CARPORT PIER FOUNDATION 7.4° /  
2° TILT





# Today At A Glance

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Superstructures  
Installed

**100%**

Long Beams  
Installed

**100%**

Modules  
Installed

**100%**



[Image Link](#)



# Summary Statistics

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<b>Hardware Installation</b>				
	<b>% Complete</b>	<b>Built</b>	<b>Pending</b>	<b>Total</b>
<b>Foundations</b>	100.0%	14	14	14
<b>Superstructures</b>	100.0%	14	14	14
<b>Long Beam Sets</b>	100.0%	14	14	14
<b>Modules</b>	100.0%	756	756	756

<b>Weather Summary</b>	
Days of extreme heat (High at or above 90°F)	None
Days of extreme cold (Low below 10°F)	None
Days of high precipitation (at or over .25 inches)	None
Days of high wind (peak gust at or over 30 mph)	None
Notable weather events other than above	None

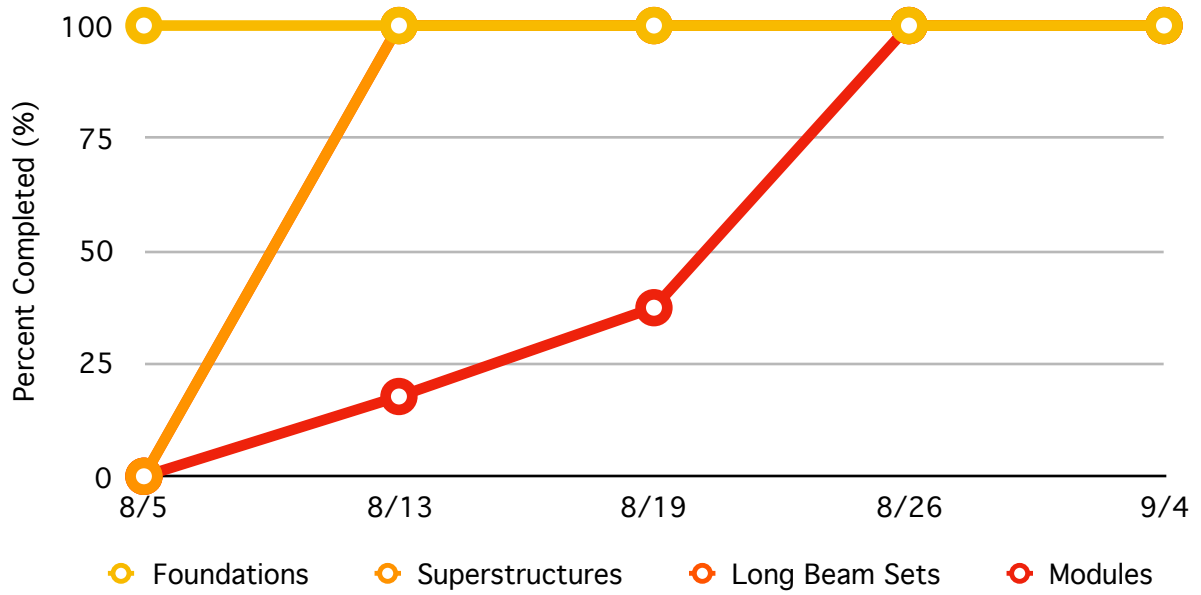
# Modules Installed



Fully installed Modules are denoted in blue  
Fully installed Tables are denoted in purple  
Fully installed Rows are denoted in pink



# Historical Data





# Historical Data

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<b>Date</b>	<b>Foundations</b>	<b>Superstructures</b>	<b>Long Beam Sets</b>	<b>Modules</b>
<b>8/5</b>	14	0	0	0
<b>8/13</b>	14	14	14	134
<b>8/19</b>	14	14	14	283
<b>8/26</b>	14	14	14	756
<b>9/4</b>	14	14	14	756





## Weather Since Previous Inspection

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Day	Sun	Mon	Tue	Wed	Thu	Fri	Sat
	8/23	8/24	8/25	8/26	8/27	8/28	8/29
High (°F)				75	66	81	76
Low (°F)				62	61	61	66
Precipitation (in.)				-	-	0.18	-
Peak 5-sec gust (mph)				17	10	9	15
	8/30	8/31	9/1	9/2	9/3	9/4	9/5
High (°F)	76	70	72	71	77	75	
Low (°F)	64	58	61	62	66	68	
Precipitation (in.)	0.07	-	-	-	0.21	-	
Peak 5-sec gust (mph)	23	15	23	15	13	12	



# Oblique Images

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From North



From East



From South



From West



# End of Report