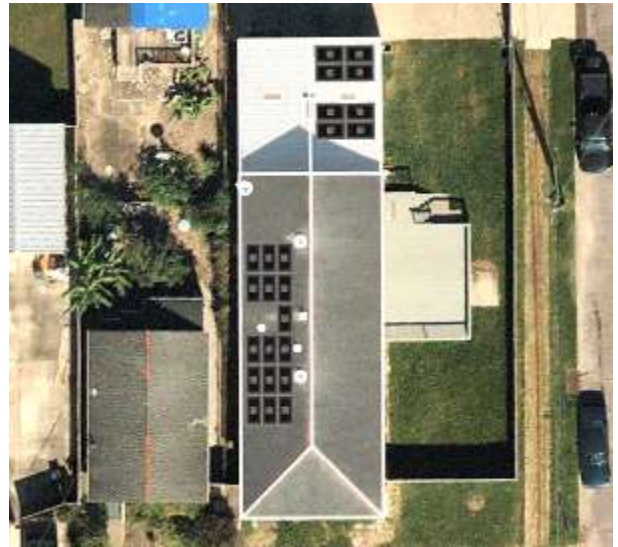


New Solar PV Installation for Catherine Desmarais

Desmarais.Delaronde

Customer: Catherine Desmarais
Address: 1026 Delaronde St
New Orleans, LA 70114

System size: 8.28 kW
Designer: Andrea Lee
Date: December 30th, 2021



Components

Solar Panel:



(24) Mission Solar Energy MSE345SX5T

Inverter:



(24) Enphase Energy Inc. IQ 7+

**9,113
kWh**

Estimated
PV production
in first year



Confirmed 10' set
back from the front
wall of the building.

Notes: Field measurements will verify array layout feasibility. Some modules may be relocated as space allows.



Composite of roof plan-view and array layout

Street View

Desmarais.Delaronde
Catherine Desmarais
8.28 kW PV System
1026 Delaronde St
New Orleans, LA 70114



PROJECT DETAILS

Scope of Work

8.28 kW Enphase Roof Mounted PV System with BBU
Interconnection: Line Side Tie | Partial Home on 125A 2P
Breaker | 40A 2P Solar Breaker on Gateway Busbar

1 x Tesla Gateway 2 with Internal Generation Busbar
1 x Tesla Powerwall 2

Site Conditions

Roof Type: Shingle & Corrugated Metal
Roof Height: 12 & 15'
Mounting Planes: 2
Roof Pitch: 12 & 30° (2.5/12 & 7/12)
Roof Azimuth: 93 & 274°
Electrical Service: 200A
Utility: **ENO**

Design Details

Module: 24 x Mission Solar Energy MSE345SX5T
Inverter: 24 x Enphase Energy Inc. IQ 7+
Racking: Unirac
Attachment: Flashkit Pro
Maximum Attachment Spacing: 72"