

Matthew Morell

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WORK EXPERIENCE

Ameresco

Oct. 2022 – Present

Project Development Engineer

Remote

- Ameresco is a leading cleantech integrator and renewable energy asset developer, owner, and operator. ESCO's develop, design-build, and provide financing for energy efficiency projects.
- Lead 40MWdc of engineering support for DG clients across 30 States in the 250kW-5 MWdc range. Typical project scope of work includes PV / EV / BESS / ESCO-ECMs.
 - o Spearheading infrastructure for over (50) L2/L3 State and NEVI Funded EV chargers.
 - o Project highlights include Rooftop, Ground Mounted (SAT/FTGM), and Carport Solar PV including microgrid exposure in various Utility and AHJ Jurisdictions in the U.S.
- Execute project due diligence, pro forma and energy modeling, fatal flaw analysis, and engineering coordination from project inception through construction and commissioning.

Pattern Energy

May 2021 – October 2022

Project Manager

Remote

- Guided contract negotiation, and milestone delivery for 20MW of PV+BESS projects in the C&I Sector from NTP through Commissioning.

Sales Engineer

King of Prussia, PA

- Supporting early stage business development with project feasibility, fatal flaw analysis, and technical review. Organized project action plan, preliminary project budgets and scopes of work.

Sigora Solar

July 2020 - May 2021

Sr. Design Engineer

Remote

- Originated and grew the commercial division of a residential solar company, leading EPC efforts for a 20MW PV-only portfolio of MUSH clients in the Mid Atlantic.

SepiSolar

July 2019 - July 2020

PV Design Engineer

Olympia, WA

- 2MW of PV+ESS design & engineering including site plans, SLDs and permitting support for nationally recognized residential and commercial solar EPC and ESCO firms with emphasis in HI, CA, FL, and MA.

LaBella Associates

Nov 2017 - July 2019

Environmental Engineer

Scranton, PA

- Performed Phase I, II, III environmental site assessment investigations, monitoring and remediations across over 300 acres of PADEP contaminated sites.

ACADEMIA, CERTIFICATIONS, SKILLS & INTERESTS CONTINUED...

EDUCATION

Penn State University

M.Sc Solar Energy - 2019

B.S. Geosciences - 2017

*World Campus, Remote
State College, Pennsylvania*

CERTIFICATIONS, SKILLS & INTERESTS

- **Certifications:** NABCEP PVIP #080120-031347, OSHA 10, FAA 107 Candidate Q2 2024, LEED Green AP Candidate Q2 2024.
- **Skills:** Helioscope, EnergyToolBase, PVSyst, Aurora, NearMap, PVBid, PVWatts, ProCore, Scanify, DroneDeploy, Cinema4D, SketchUp, AutoCAD, Salesforce, Microsoft Suite,
- **Interests:** Sustainability and ESG, Fleet Electrification, Electric Vehicles, 3D Rendering, MidjourneyAI, Hiking, Hockey, Coaching Men's Soccer, Domestic Roadtrips, National Parks, Camping, Exoplanets and Astronomy.