
Summary

Experienced solar PV installer with sound knowledge of solar energy and panel installations. knowledgeable about how to connect installed panels into the electrical grid of buildings. He has completed a one-year technical programme in solar technology and installation with coursework in technology, construction and electric circuitry.

Experienced

- Designed Photovoltaic solar systems for Amirkabir university. This includes detailed array layouts and one-line schematics.
- Performed troubleshooting using monitoring systems to determine health of PV installations.
- Evaluated and tested photovoltaic (PV) modules as preparation before installations in industrial locations.
- Detailed system performance Analysis performed using PV Syst.
- Created or approved accurate energy model of entire plant in PVSYST. Calculated expected solar energy production
- design and implementation of 3kw PV inverter for grid connected system
- design and implementation a fault detection system in solar arrays
- design grid connected inverter with LVRT capability

Education

He received the B.Sc. degree in power engineering from Babol Noshirvani University of Technology and the M.Sc. degree from Sharif University of Technology, Tehran in 2013 and 2015. He is currently working toward the PHD degree in electrical engineering in Amirkabir University of Technology.

Interests

His research interests include reliability and fault detection in power electronic converters, solar photovoltaic, fault detection and classification in solar array.