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Expertise

Power Engineering

Business Development Management

Solar Energy

Project management

Solar Project Development

Power Purchase Agreement (PPA)

Solar Engineering Consultancy

Finance

Marketing

Substation and Transmission Line

Choice of EPC Contractors

Holding Tenders

Foreign Investment

Solar Energy Market

Technical and Financial Assessment of EPC Contractors

Commercial Management

Finding Appropriate Land For Solar power Plant

HSE

Import & Export

Obtaining Permits for solar power plant (Grid connection permit, Land permit, Environmental permit)

Audit

Grid Connection Study

Investment Advisor

Feasibility Study

Technical and financial proposal

Solar EPC Project (MW and KW)

Design of On-Grid and Off-Grid with PVsyst, HelioScope, Google SketchUp Solar

Solar Engineering Design (KW & MW Project)

Online shopping for Solar system Package

Construction

Coordination, Supervision, Inspection

Preparing Proposal and Catalogue For Projects

Solar Procurement

Education

University Name Islamic Azad University, South Tehran Branch
Website <https://stb.iau.ir/en>
Duration Sep. 2009 – Sep. 2012
Major Power Engineering- Renewable Energy
Degree Master of Science
GPA 15.81/20.0

University Name Islamic Azad University, South Tehran Branch
Website <https://stb.iau.ir/en>
Duration Sep. 2004 – Nov. 2008
Major Power Engineering
Degree Bachelor
GPA 15.70/20.0

PartoBamdad Company

Duration	Mar. 2020 - Present
Website	https://www.partobamdad.com/
Position	Solar Project Manager and Advisor

➤ 10 solar projects (5* 100 KW, 3* 200 KW, 2*1 MW) for factories in the industrial cities

- Negotiation with industrial parks in Iran for construction of the solar projects
- Preparing the business plan, feasibility study and proposal for clients (the factories)
- Designing On-Grid solar system for the factories (PVsyst and HelioScope)
- Developing the solar projects
- Getting grid connection permit and PPA from the Ministry of Energy
- Implementation of the solar projects
- Managing EPC the solar projects for factories (Engineering, procurement, and construction)
- Coordinating Engineering teams and construction teams
- Coordinating subcontractors
- Preparing the reports for clients and managing director (Daily or weekly reports)
- Meeting with the clients and subcontractors regarding the project status (project timeline, technical issues, and financial issues)

➤ Marketing and finding new solar projects (10 MW, 100 MW, and 1 MW, and 25 KW)

- Preparing technical documents, financial documents for 10 MW solar power plants (Client : Tehran Subways)
- Preparing proposal, PVsyst report, feasibility study, business plan for 10 MW solar power plants (Client : Tehran Subways)
- Preparing the contract text for 10 MW solar power plants (Client : Tehran Subways)
- Preparing proposal, PVsyst report, feasibility study, business plan for 10 MW solar power plants (Client : Tehran Subways)
- Negotiation with investor for 100 MW solar projects in Iran (client : Pooyesh Darou Company)
- Preparing the proposal, feasibility study , business plan for 100 MW (client : Pooyesh Darou Company)
- Preparing the proposal, feasibility study , business plan for 1 MW rooftop solar project (client : Tehran Municipality)
- Preparing PVsyst report, and basic design and financial document for 1 MW rooftop solar project (client : Tehran Municipality)
- Preparing the business plan, feasibility study and proposal for rooftop solar projects in the Embassy of Denmark (2* 25 KW)
- Designing the rooftop solar projects for Embassy of Denmark and residence (2* 25 KW)
- Preparing the proposal and feasibility study for solar panel line in Iran
- Negotiation with solar panel producers for 50 MW solar production line in Iran (Mondrgaon, Ecoprogetti, Youdiansolar)

➤ 250 rooftop solar projects for deprives areas (each of them between 5 KW and 10 KW)

- Negotiations with client (Imam Khomeini Relief Foundation) for implementation of the project (project timeline, milestone, cost, etc.)
- Managing EPC rooftop solar projects (Engineering, procurement, and construction)
- Finding solar equipment producers in china and Europe for the projects
- Importing the solar panels from China
- Coordinating Engineering teams and construction teams
- Coordinating subcontractors
- Preparing the reports for clients and managing director (Daily or weekly reports)
- Meeting with the clients and subcontractors regarding the project status (time schedule, technical issues, and financial issues)

➤ Developing and getting PPA

- Preparing the basic design for 5 MW solar power plant for cement company (PVsyst report, proposal, business plan, and feasibility study, technical documents and financial documents)

- Finding the suitable land for MW solar projects
- Finding Financer and investor for MW solar power plants
- Preparing feasibility study and business plan for MW and KW projects
- Negotiating with regional electricity companies for grid connection permit
- Preparing report for Department of Environment
- Negotiating with Department of Environment for Environment permit
- Designing solar power plant (MW and KW) with PVsyst, HelioScope, SOLARGIS, and Google SketchUp Solar
- Getting land permit from Provincial Government for MW projects
- Preparing final reports for the clients (land status, permits, licenses, etc.)
- Getting PPA (Power Purchase Agreement) for MW projects from the Ministry of Energy

➤ Commercial activities

- Supplying equipment for solar projects and customers (wholesale and retail markets)
- Getting commercial ID Card from Iran Chamber of Commerce
- Member of Iran Chamber of Commerce
- Preparing the vendor list for solar system (On-Grid and Off-Grid Projects)
- Selling the solar equipment (Website and Instagram)
- Designing the website for Online shopping with Wordpress

➤ Other activities

- Supervision, coordination, and inspection of solar power plant (MW and KW projects)
- Designing off-Grid Solar system for Agriculture lands and animal husbandries (PVsyst and HelioScope reports, technical documents, and financial documents)
- Designing off- Grid solar system for houses in Iraq (PVsyst report, technical documents, and financial documents)
- Negotiations with customers and clients for developing new solar projects (organizations, schools, factories, offices, hospitals, mosques, and so on)
- Meeting with industrial cities for introduction of the company
- Preparing the catalogues, proposals, and power point about the projects and company

Energy Pak Arvin Solar Company (Spanish Company in Iran)

Duration

Dec. 2018 – Sep. 2020

Website

<http://www.pes-re.com/>

Position

Country Manager

➤ 25 MW solar power plant

- Arranging the meeting between Iranian organizations and PES managing director
- Advising Spanish managing director of Persian Energy Services (PES) holding
- Traveling to different provinces with PES managing director for visiting different sites for the solar project
- Translating letters from Farsi to English for PES managing director
- Traveling to different provinces for Finding appropriate lands for the solar project
- Preparing official letters and reports for PES managing director
- Arranging the meeting between PES managing director and provincial governments for discussion regarding the solar project
- Correspondence with all organizations and private companies, EPC contractors, etc.
- Negotiation with Natural Resource Department and Agriculture Department for getting appropriate land for 25 MW solar power plant in Garmsar city
- Preparing preliminary reports and proposals for Spanish managing director
- Preparing feasibility study and business plan for 25 MW solar power plant (technical documents, financial documents, and PVsyst report)

- Preparing grid connection study for 25 MW Solar power plant
- Designing site plan for 25 MW solar power plant with PVsyst software
- Arranging the meeting between PES managing director and foreign investment services centers in Semnan province for getting permit for 25 MW solar power plant
- Getting all permits and licenses (grid connection, environment, and land) for 25 MW solar power plant from Semnan province
- Getting PPA (Power Purchase Agreement) for 25 MW solar power plant from Ministry of Energy
- Negotiation with EPC contractors for construction 25 MW solar projects in Iran
- Coordinating the 25 MW solar power plant
- Meeting with EPC contractor about the project status
- Preparing the report for Spanish managing director (technical issues, and financial issues)

➤ Other activities

- Registering the company in Iran for Spanish Company
- Renting the office for the Spanish Company
- Negotiation with “the supreme council of Iran’s free trade, industrial & special economic zones” for developing solar power plant
- Arranging the meeting between PES managing director and managing directors of special economic zones in different provinces
- Meeting with managing directors of special economic zones in different provinces regarding developing solar power plant projects
- Finding financier 10 MW, and 2*7 MW solar projects in Iran
- Forming connection between CEO of Elliott Research and Technology company (Canadian company) and PES managing director in respect of SBLC and finance

Moshanir Power Engineering Consultant Company

Duration

Mar. 2011 – Mar. 2019

Website

<https://www.moshanir.co/en>

Position

Project Manager and Head of the electrical group in renewable energy department

➤ 5 MW Geothermal power plant and 15 MW Wind farm

- Head of the electrical group in first and only geothermal power plant project in Iran
- Head of the electrical group in wind farm project
- Preparing the electrical documents for the tenders (wind farm and geothermal power plant)
- Technical and financial assessment of EPC contractors for the geothermal power plant and wind farm
- Choice of EPC contractors for wind and geothermal projects
- Holding tenders for wind and geothermal projects
- Preparing feasibility study and business plan for geothermal power plant and wind farm
- Getting all permits and licenses (grid connection permit, land permit and environment permit) for geothermal power plant and wind farm
- Getting PPA from Ministry of Energy for geothermal power plant and wind farm
- Inspection and supervision on electrical components for wind farms and geothermal power plant
- Correspondence with regional electricity companies and TAVANIR for grid connection permit for wind farm, and geothermal power plant
- Negotiation and correspondence with MAPNA company for purchase of wind turbines
- Correspondence with Lahmeyer group company for continuing partnership to implement geothermal power plant project in Iran

➤ Other activities

- Auditor in renewable energy department
- HSE (Health, Safety and Environment) manager in renewable energy department
- Contractor HSE capability assessment for renewable energy projects
- Preparing questionnaire for contractor HSE capability assessment for renewable energy projects
- Preparing check lists for controlling HSE in renewable energy projects

- Preparing QC (Quality Control) lists for controlling electrical equipment

Other work experiences

- Preparing the report about energy and water for Elliott Research and Technology company (Canadian company)- proposal for World Bank
- Getting all permits and PPA for 4*10 MW solar power plants in Kerman province for Solar City Solution company
- Basic Design of 4*10 MW solar power plant for Solar City Solution company
- Designing 4*10 MW solar power plants with PVsyst and AutoCAD
- Writing the article about the solar energy in Iran (PV Europe Magazine)

<https://www.pveurope.eu/News/Markets-Money/Solar-opportunities-in-Iran>

<https://www.pveurope.eu/News/Markets-Money/Strong-solar-growth-in-Iran-though-still-challenges>

- Private report for Elliott Research and Technology company (Canadian company)- proposal for the World Bank (getting the loan 1,000,000,000 \$)

Certificates

1	Date Nov. 2016	Name of Institute Title of Certificate	Metaco Institute PVsyst Software
2	Date Feb. 2016	Name of Institute Title of Certificate	Moshanir Power Engineering Consultant Comfar III
3	Date Sep. 2015	Name of Institute Title of Certificate	Moshanir Power Engineering Consultant Questionnaire For Contractor HSE Capability Assessment
4	Date Sep. 2015	Name of Institute Title of Certificate	Moshanir Power Engineering Consultant Contractor HSE Capability Assessment
5	Date Aug. 2015	Name of Institute Title of Certificate	Moshanir Power Engineering Consultant HSE Plan
6	Date Aug. 2015	Name of Institute Title of Certificate	Moshanir Power Engineering Consultant OGP423
7	Date July. 2015	Name of Institute Title of Certificate	Moshanir Power Engineering Consultant Failure mode and effects analysis (FMEA)
8	Date June. 2012	Name of Institute Title of Certificate	Iran Transformers Research Institute Principle of Instrument Transformers
9	Date Nov. 2010	Name of Institute Title of Certificate	Sharif University of Technology Smart Grid
10	Date Sep. 2009	Name of Institute Title of Certificate	Tehran Institute of Technology PLC II
11	Date Aug. 2009	Name of Institute Title of Certificate	Tehran Institute of Technology PLC I
12	Date Aug. 2005	Name of Institute Title of Certificate	Industrial Management Institute I Net+ & Net Work +

Computer Software Skill

- Advance acquaintance with MATLAB
- Advance acquaintance with PSCAD
- Advance acquaintance with ATP(EMTP)
- Advance acquaintance with Digsilent
- Advance acquaintance with Pspice
- Advance acquaintance with MS-Office

- Advance acquaintance with AutoCAD
- Advance acquaintance with DIALux
- Advance acquaintance with PVsyst
- Advance acquaintance with Google SketchUp Solar
- Advance acquaintance with HelioScope

Publication

1	Publisher	PV Europe Magazine
	Title of Article	Solar opportunities in Iran
	website	https://www.pveurope.eu/News/Markets-Money/Solar-opportunities-in-Iran
	Date	Nov. 2018
2	Publisher	PV Europe Magazine
	Title of Article	Strong solar growth in Iran though still challenges
	website	https://www.pveurope.eu/News/Markets-Money/Strong-solar-growth-in-Iran-though-still-challenges
	Date	Nov. 2018
3	Publisher	Private report for Elliott Research and Technology company (Canadian company)- proposal for the World Bank
	Title of Article	Water and Energy in Iran
	website	-
	Date	June. 2018
4	Publisher	IEEE Trans, Power Systems
	Title of Article	Dynamic Behavior of Doubly Fed Induction Generators in Presence of TCSC/ Series Compensation Capacitors
	website	https://www.ieee.org/
	Date	Aug. 2014
5	Publisher	21st Iranian conferences on Electrical Engineering (ICEE2013)
	Title of Article	Dynamic Modeling Analysis of a DFIG Based Wind-Power Generator Interfaced with a TCSC
	website	icee2013.um.ac.ir
	Date	May. 2013
6	Publisher	MPEC Magazine
	Title of Article	Designing the wind power plant in Iran
	website	https://www.moshanir.co/en
	Date	May. 2010

Language

Language	English	Listening	Writing	Speaking	Reading
Date	Feb. 2014	5	5.5	5.5	5.5
Test	IELTS – Academic	Overall = 5.5			
Language	English	Listening	Writing	Speaking	Reading
Date	Oct. 2013	4.5	6	6	5
Test	IELTS – Academic	Overall = 5.5			
Language	Persian (Farsi)	Native			