



# YELLOW DOOR ENERGY

AN ADENIUM CAPITAL COMPANY

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## **Job Description**

### About Yellow Door Energy

Yellow Door Energy (YDE) is a distributed solar energy company headquartered in Dubai, UAE. Born from one of the Middle East's most experienced solar developers, Adenium Energy Capital, we develop, invest in and own and operate solar systems and energy efficiency assets. We provide a turnkey technical and financial solution to commercial, industrial, institutional and government organizations. Our customers save money on electricity, protection against future energy price increases, and the opportunity to realize the positive environmental benefit of solar energy.

If you are interested in this role, please send your CV and covering letter to [jobs@yellowdoorenergy.com](mailto:jobs@yellowdoorenergy.com).

<b>Job Title</b>	- <b>Solar Engineer</b>
<b>Location</b>	- YDE's Amman (Jordan) office
<b>Department</b>	- Technical Operations
<b>Line Manager</b>	- VP Technical Operations
<b>Purpose of the role</b>	<ul style="list-style-type: none"><li>- This is an opportunity for a dynamic and hard-working engineer to join the Technical Operations team and to provide engineering solutions for ground-mount and rooftop photovoltaic projects</li><li>- The role's main responsibilities are the conceptualization of the project's design; performance of necessary engineering calculations; and the generation of civil/mechanical/electrical drawings, generic plant layouts and engineering specifications. Primary tasks will be to support a) the development and direct sales procedures of pre-construction projects and b) the project and asset management procedures of under-construction or post-construction projects.</li></ul>
<b>Duties and responsibilities</b>	<ul style="list-style-type: none"><li>- CAD Design, performance assessments/monitoring, engineering calculations</li><li>- Troubleshooting of existing plants' operation</li><li>- Generation of construction sites' layouts at a professional level</li><li>- Provide Engineering support to all relevant internal YD departments and stakeholders</li><li>- Carry out full range of mechanical/electrical/civil drawings required in photovoltaic projects</li></ul>

	<ul style="list-style-type: none"> <li>- Preparation and implementation of executive/final design package</li> <li>- Conceptual design and material/components knowledge</li> <li>- Ability to liaise with technical third parties and contractors and review and evaluate contractors' engineering approach on a project specific basis</li> <li>- EPC contract familiarity and ability to determine and prepare engineering specifications and requirements in a contractual format</li> <li>- Implement PV Plant Design procedures and carry them out</li> <li>- Ability to evaluate specifications and PV Plant Design for compliance with safe and efficient operation and H&amp;S requirements</li> <li>- Reporting at a professional level regarding the above activity</li> </ul>
<b>Knowledge</b>	<ul style="list-style-type: none"> <li>- Experience with photovoltaic plants at design and operation level</li> <li>- Knowledge of civil, electrical and mechanical engineering principles</li> <li>- Experience with key PV plant performance parameters and monitoring platforms</li> <li>- On site assessments familiarity</li> <li>- Ability to carry out structural/mechanical/electrical/civil calculations.</li> <li>- Full working knowledge at a professional level on CAD software systems.</li> <li>- Optional: 3D SolidWorks</li> <li>- Full working knowledge of PVSYST and other related PV simulation tools</li> </ul>
<b>Work Skills</b>	<ul style="list-style-type: none"> <li>- Fluent English spoken and written</li> <li>- Valid driving license</li> <li>- MS Office advanced user</li> </ul>
<b>General Skills/Attributes</b>	<ul style="list-style-type: none"> <li>- Outstanding communication skills able to manage interaction with internal and external parties</li> <li>- Commitment to match the working ethos and hours of Yellow Door team</li> <li>- Develop tools, coach and support non-technical personnel within organization</li> <li>- Confidence to maintain integrity and justify Yellow Door's Technical viewpoints when placed under both internal and external pressure</li> <li>- Availability to travel and work from both Dubai and Jordan offices as required, occasional foreign travel</li> </ul>
<b>Experience Required</b>	<ul style="list-style-type: none"> <li>- Experience on photovoltaic sites engineering at a professional level</li> <li>- 2+ years employment</li> </ul>
<b>Education and Qualifications</b>	<ul style="list-style-type: none"> <li>- Engineer, University Degree, Jordan registration preferred</li> </ul>

