



ARTEM DONETS

RENEWABLE ENERGY SPECIALIST

CONTACT



1-825-994-8528



donets.ive@gmail.com



<https://don-ar.github.io/>



10 Brentwood Common NW, T2L 2K8,
Calgary, Canada

SOFT SKILLS

- Problem-solving skills
- Project management skills
- Effective communication skills
- Emotional intelligence
- Great attention to detail
- Technical skills
- Delegation skills
- Time management skills
- Ability to maintain a work-life balance
- Ability to provide effective feedback
- Ability to foster trust between team members
- Ability to motivate team members

EDUCATION

Ph.D of Engineering Science

*Institute for Renewable Sources of
Energy*

2011-2017

Master of Science, Power Engineering and Automation

*National Technical University of Ukraine,
Igor Sikorsky Kyiv Polytechnic Institute*

2009-2011

Bachelor of Science, Power Engineering and Automation

*National Technical University of Ukraine,
Igor Sikorsky Kyiv Polytechnic Institute*

2005-2009

LANGUAGES

English



Ukrainian



Russian



PROFILE

13 years' experience in complex engineering projects including the solar, wind power plants with total capacity apx. 2 GW. Certified Senior Renewable Energy Expert by DEWA (Dubai electrical and water authority). Certified Engineering/Project Manager by Ukrainian authorities. Excellent organizational and coordination skills and ability to juggle with all aspects of a project, from early stage business developing through design, construction, commissioning, quality assurance till taking-over to O&M. Also active participating in scientific (publications, conferences, etc.) and R&D life as a Ph.D in renewable energy sphere. Developed, Designed, Constructed, Commissioned, etc. multiple renewable power plants megawatt-class: **Wind > 1 GW; Solar > 1 GW** installed capacity.

Give me a lever and a fulcrum on which to place it, and WE will move the world!

WORK EXPERIENCE

Co-founder, CTO

Windyfi - Oslo, Norway

2022-Present

- Manage the developing of web-based product which utilizes gamification, machine learning, geospatial data as well as manufacturer's equipment information to enable energy sector developers to make optimal decisions that increase the value of their project. From idea/scratch to the MVP.

Project Technical Manager

SCATEC ASA - Oslo, Norway

2018-Present

- Manage the detailed design process to stick to programme and budget;
- Establish baseline for measuring progress of engineering deliverables during the tender and detail design process as per the SMDL and the Bi-weekly template with the lead planner – this should consider tender and construction packages, critical construction and procurement items against the overall programme plan;
- Ensure all requirements and technical parameters in the project documents are incorporated in the final project design via involvement in the design review process;
- Manage the Design and Cost review process to ensure cost competitive and effect design which meets both Solutions and O&M Minimum requirements;
- Meet the baseline schedule for engineering deliverables to avoid delays in contracting or construction via active measuring of progress, and adequate resourcing;
- Successfully manage the core technical deliverables during the structuring phase;
- Establish priority plan (with PM) for technical deliverables during the structuring phase (e.g contracts, site studies, SOWs) given the technical resourcing constraints of the projects;
- Establish documents tracking protocols based on PTM templates for specific project requirements;
- Ensure project programme takes technical requirements into consideration;
- Conduct red-flag analysis at/prior to NTP to ensure that the following items are covered;
- Detailed design completion;
- Testing, procurement and logistics;
- Sequencing and allowances for pre-commissioning, commissioning, plant testing and commissioning;
- Taking over processes and documentation such as O&M manual, quality file submission, 3rd party inspections;
- Manage 3rd party interactions;
- Actively control technical discussions with LTA / local partner during the structuring and execution phase;
- Identify and Manage scope interface risks between FIM suppliers, PV Contractor and HV Scope of Works;
- Assist the HV Package Manager to manage the HV interfaces towards the utility in a timely manner to secure commissioning and grid connection;
- Follow through on technical site execution;
- Create onboarding technical data pack for the site teams;
- Assist with onboarding of technical site team, and brief members with respect to monitoring of the construction against functional requirements and approved design;
- Implement clear communication and decision making protocols with contractor and site team;
- Ensure that the construction team actively snags and closes MOWs during the construction phase to reduce punch list items at MC, and ensure maximum availability of the plant;
- Initiate Planning of plant commissioning 3 months prior to MC, and thereafter manage plant commissioning and testing according to schedule at NTP with assistance from site;
- Assist with onsite requirements for Grid Code Compliance testing and Utility inspections;
- Support in project close out phase by preparing and gathering technical documents as needed to achieve TTO, with the aim of achieving TTO by COD. Initiate internally and with contractors 3 months prior to MC;
- Reduce timeline between TO and COD to the same week, or as close as the conditions of the PPA allows it;
- Review and monitor closure of Minor Outstanding Works on site after COD.

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TECH SKILLS

- AutoCad, Autodesk Inventor, Autodesk Revit;
- Matlab, Simulink;
- DIALux;
- MathCad;
- SolidWorks;
- NI LabVIEW;
- Vipor, Homer Energy;
- MS Office (all packages);
- 3d's Max;
- Wolfram Mathematica;
- Python, C++;
- PV GIS;
- Photoshop;
- Primavera;
- Sketchup(with Skelion);
- PVWatts, PVSyst and many others.

HOBBIES

A bunch of. Unfortunately, there are only 23 hours and 56 minutes in a day.

PUBLICATIONS

A lot of publication in ukrainian and international scientific journal.
Sources and links of publications available upon request.

REFERENCES

My references are available upon request.

WORK EXPERIENCE

Chief Electrical Power Engineer/ Researcher

Institute for Renewable Sources of Energy - Kyiv, Ukraine

2011-Presentt

- Detail design, explanatory notes, specifications for the project, carrying out the necessary calculations;
- Develop project objectives by reviewing project proposals and plans; conferring with management;
- Determines project specifications by studying product design, customer requirements, and performance standards; completing technical studies; preparing cost estimates;
- Ensure projects are delivered in time, quality and cost targets within agreed risk profile;
- Project delivered to the desired quality standards; Provide quality assurance on delivery of projects using appropriate project methodology, techniques and processes, throughout the entire project lifecycle;
- Oversee project planning, scheduling, communications, costing, issue resolution, risk assessment and reporting;
- Supporting feasibility studies regarding technical aspects;
- Participation in EPC contract negotiations;
- Preventing mistakes and defects, ensuring engineering best practice observance;
- Coordination of pre-sales activities between parks division and equipment suppliers, including technical documents validation and supply contract negotiations;
- Elaboration of equipment list with cost breakdown;
- Preparing of presentations for investors;
- Contribution into the renewable energy science such as: scientific articles, conference participation, etc.

Electrical/Interconnection/Communication Manager

Hustad & Granaas - Oslo, Norway

2020-2021

Provide full engineering and managing support for **Wind Power project with 800 MW** installed capacity.

Key duties and responsibilities:

- Manage the detailed design process to stick to programme and budget
- Ensure all requirements and technical parameters in the project documents are incorporated in the final project design via involvement in the design review process.
- Manage the Design and Cost review process to ensure cost competitive and effect design which meets both Solutions and O&M Minimum requirements
- Meet the baseline schedule for engineering deliverables to avoid delays in contracting or construction via active measuring of progress, and adequate resourcing
- Successfully manage the core technical deliverables during the structuring phase:
- detailed design completion
- Assist with onsite requirements for Grid Code Compliance testing and Utility inspections.

Engineering Manager/PV Expert

YTT Solar Resources - Dubai, UAE

2018-2019

Provide quality assurance on delivery of projects using appropriate project methodology, techniques and processes, throughout the entire project lifecycle.

Lead Engineer

Karbon Invest – Kyiv, Ukraine

2016-2018

Manage the design of the biggest Solar and Wind power projects in Ukraine.

Lead Engineer

StarEnergy – Kyiv, Ukraine

2012-2013

- Preparation of the feasibility study and commercial proposals material to the clients;
- Develop the projects for solar hot water systems and heating based on solar collectors, etc.