SELECTED REFERENCES

Duration	Assignment Name & Description	Name Of Client	Country Of Assignment
2017 *ongoing*	***Multiple of projects related to restoration and rehabilitation in various sectors (including RES and T&D) in Ukraine as well as other European countries and Asia***	***Multiple IFIs/ Confidential***	*Ukraine*
2023-2024	**West Ukraine Hydrogen Valley** UDPR has engaged UTA to carry out a technology selection and pre-feasibility of the potential to build a hydrogen production facility at Volyn West Wind power plant thus evaluating the feasibility of plant operation modes including those foreseeing the various schemes of H2 production (with and without utilization of BESS, solar generation, various electrolyzer technologies, etc).	**UDPR / Gopa**	Ukraine
2022-2023	**Post war development of the renewable energy sector in Ukraine** Project was initiated by Energy Community Secretariat. The main task to be achieved is to undertake an analytical assessment of the potential for use of renewable energy sources and prepare a Final study Report with proposed actions to rebuild and further develop the renewable energy sector in Ukraine. **Services provided:** The study provides an overview of the renewable energy sector, assessing installed capacities, sectoral applications, transmission infrastructure, and the technical potential for renewables. It examines the impact of higher renewable shares on system flexibility, emissions, energy security, and identifies legal and financial barriers alongside solutions for accelerated deployment and EU integration. **Battery Energy Storage Systems (BESS)** emerged as a key focus, crucial for grid stability and managing variable renewables, while **Power-to-X (P2X)/X-to-P (X2P)** technologies were highlighted for enabling sector coupling and decarbonisation. The study also addresses investment facilitation through innovative solutions and streamlined permitting.	GOPA-intec/ Energy Community Secretariat	Ukraine
2025-ongoing	**Independent Environmental And Social Consultant (IESC) for a Wind Power Plant Construction in Mykolaiv Region** - Desk based documentation review; - Semiannual site visit (during construction); - Gap identification, advice on closure and further documentation review; and - Final reporting.	**Confidential**	Ukraine
2025-ongoing	**Due Dilligence And Further Construction Monitoring 5 Bess Facilities In Ukraine**	**Confidential**	Ukraine

	Urban Technology Alliance (UTA), as the Lender's Technical Adviser, is conducting technical due diligence and ongoing monitoring for five battery energy storage system (BESS) projects with a total capacity of 180 MW and an individual project capacity range of 20–50 MW. The due diligence process includes data verification, technical assessment, site visits, and reporting, ensuring compliance with project requirements and lender expectations. UTA will continue to provide quarterly monitoring missions.		
2025-ongoing	**UESF Procurement agent** The Ukraine Energy Support Fund was established to counteract the impact of the russian attacks targeting critical energy infrastructure. UTA acts as a procurement agent responsible to manage procurement processes (requests review and audit, preparation of technical specifications, bidding documents, procurement guidelines and further procurement and bids evaluation) directly to address the most urgent needs of eligible Ukrainian recipients. The support required includes equipment, materials, spare parts, works, and services essential for repairing damaged infrastructure and maintaining energy and heat supply across Ukraine.	**Energy Community Secretariat**[1]	Ukraine
2024 ongoing	**Project Management and Supervisory Services for Distributed Renewable Energy Projects under the Ukraine Energy Support Fund** This critical initiative aims to reinforce Ukraine's healthcare infrastructure by implementing robust renewable energy systems, including rooftop solar installations with battery storage, across various health and social facilities. Currently 87 projects are in operation. The projects foresee i.a. preparation of guidelines, technical assessment, procurement, design and construction supervision.	**Energy Community Secretariat**	Ukraine
2020 -2022	**EBRD: Support to the Auctions Administrator for the Procedure and Implementation of a Competitive Procurement Process** The Programme for Supporting Renewable Energy in Ukraine consists of a comprehensive package of technical assistance to support the Ukrainian authorities in developing and implementing competitive bidding processes for renewable energy.	EBRD / Tractebel	Ukraine
2024	**1 GW WPP procurement in Uchkuduk - Preparation of draft project layout and preliminary technical specifications for procurement of the electrical BoP contractor for the 1 GW wind power plant** The initial development of a 1 GW wind farm project at Uchkoduk, Uzbekistan. The project, currently in its early stages, required expertise in conceptual planning, micrositing, and preliminary electrical and fiber optic (FO) cable layout based on high-level wind data.	Nebras / Tractebel	Uzbekistan

[1] Bold stands for the projects where UTA was acting as lead or sole Consultant

	UTA contributed to defining the project's layout, including optimizing substation locations - assumed at 2 substations of 35/500 kV (35/220 kV as alternative) to minimize cable length and losses. Additionally, UTA supported the preparation of a high-level Scope of Work (SoW) and specifications for the initial stage of the two-stage tender process. The first stage aimed at obtaining indicative pricing and assessing bidder interest, while the second stage was planned for detailed, binding proposals. Activities performed: • Preparation of basic design and specifications • Preparation of employer's requirements		
2024	**ATR and interconnection review for 180+ MW WPP with consideration of BESS, Romania** - Production limits - Technology review - Curtailment and limitations - Project timeline - Validity check - CAPEX analysis and recommendations	**Ignitis**	Romania
2024	**Yuzhne Energy Wind Farm. BoP inspection** Yuzhne Wind Power Project is located in Odessa in Ukraine and plans to install 17 turbines, the total capacity is 76.5MW. The proposed turbine is Nordex 4500-149 **Services provided:** - Technical examination of works on capital repair of road section O161321 Dobroslav-Sychavka,	**Yuzhne Energy LLC, Longyuan Power**	Ukraine
2024	**Wind and Solar Power Plants Due Dilligence in Lithuania** The aim was to assess two constructed onshore wind farms, comprised of 22 GE 5.5-158 turbines and total installed capacity of 120 MW, located in Telšiai district in Lithuania; and (ii) one constructed solar PV plant with tracking system and total installed capacity of 78 MWp, located in Anykščiai district in Lithuania. All the assets within the Portfolio are expected to be fully operational. **Services Provided:** **Enviromental and social due diligence** - Give a review of level/content of any ESIA documentation available and identify any gaps in the requirements for typical multilateral financing	UL/Ignitis	Lithuania

	- reports and associated identified environmental non-compliances; - Review the requirements from the EIA and PHIA institution official final decisions and identify possible risks; - Assess whether the project meets all the requirements (including but not limited capacity, layout, mitigation measures etc.) presented in the EIA and PHIA official final decisions and identify possible risks. **Site visits and assessments.**		
2024	**Site Visit and desktop review for 460 MW Wind Power plant in Romania** **Services Provided:** **Measurement masts check (from the base of the mast):** - Checking and visual and photographic observation of the site main characteristics (terrain, roughness, vegetation, orography, etc.). - Verification of the precise location and altitude s.n.m. from the base of each tower. (if possible) **Sodar position check :** - Checking and visual and photographic observation of the site main characteristics (terrain, roughness, vegetation, orography, etc.). - Verification of the precise location and altitude s.n.m.. (if possible) **General layout check:** - Perform a tour through the layout, checking topography, roughness, obstacles (including forestry layout and tree heights nearby WTG locations), etc. of each area where the turbines are located. Environmental constraints - Take georeferenced photographs of the turbine 'cluster areas' to determine the characteristics of the terrain. - Neighbor wind farms	UL/EBRD	Romania
2023-ongoing	**Sarimay-Djankeldy Transmission Line Project: Project Implementation Support (EBRD-funded)** The main purpose of the Project is to facilitate the evacuation to the national power grid of the electricity generated by variable renewable energy power plants under development in the Bukhara region. Implementation of the Project shall also significantly improve reliability, efficiency and stability of the transmission network as well as quality and security of electricity supply. The Project is aligned with the Paris Agreement, helping strengthen the national electricity grid and unlock the potential of renewables, including two Wind Power Plants, the Bash WPP and Dzhankeldy WPP, with total capacity 1 GW.	**NEGU/EBRD**	Uzbekistan
2023-2024	**Provision of Consultancy Service for a Feasibility Study and Detailed Designs Development for Comprehensive Engineering Services ranging from data collection, and analysis, to proposing technical solutions/options and full design works for converting the Existing Fossil Power Supply to Renewable Energy**	**UNHCR**	Iraq

	Systems in all Facilities (Public Buildings) in and outside the Syrian Refugee Camps in KRI (Erbil, Duhok, and Sulaymaniyah) Governorates, Iraq **Services provided:** - Site surveys - Feasibility study - Detailed design - Bidding documents preparation		
2023	**Wind Power Plant Due Dilligence** Technical Due Diligence and consulting services ("Services") for a 54 MW wind energy project under development in Constanta County in eastern Romania **Services provided:** - Site Suitability and Constructability Assessment; - Plant design and technology review; - Wind resource and energy yield estimation; - Projects Implementation - Schedule and timetables; RTB; COD; - Grid connection design review; - Permits and Licences review; - Review of technical inputs to the financial model (CAPEX and OPEX); - Environmental, Social and Safety Impact review; - Technical Site Visit; - Land and Easements TDD.	UL / Ignitis	Romania
2022	**Equipment inspection Dnistrovska WPP Phase 2 (60 MW) (in the war-affected region)** 60 MW wind power plant construction in vicinity of Bilhorod-Dnistrovskyi, Ukraine. **Services provided:** • Review of WTG supplier documents (list of components, WTG component specifications, • Preservation manuals, Preservation records and related reports); • Preparation of Checklists; • Inspection of WTG main components (tower sections, blades, hub, nacelle, drive train, MV • switchgear, MV transformer, assemblies, etc. on site storages	**Elementum Energy / Tractebel**	Ukraine
2022-2024	**Support in preparation of the requests for proposals, negotiation and conclusion of contracts for the Ruginoasa wind farm with a capacity of 60 MW. Owner's Engineering Services.** **Services provided:**	DTEK Renewables International B.V. / Tractebel	Romania

- assist the Client in preparing Tender packages, to review and adapt for Romania/EU requirement/Technical Specifications prepared by Client, technical and commercial requirements, as well as supporting tendering procedures, evaluating offers from WTG suppliers, BoP civil work contractors, BoP electrical work contractors and design service contractors, assist the Client and the Client's legal consultant in the preparation of WTG Supply, Installation and O&M agreements according to European and Romanian best market practices and Romanian legislation;
- assist the Client in the elaboration and evaluation of three (or more) possible WTG OEM service approaches;
- assist the Client and the Client's legal consultant in the preparation of BoP Civil works, BoP Electrical and Design works execution agreements according to Romanian requirements and legislation.
- Owners Engineering services, supervision of WTG erection and commissioning.

2021 **Independent Project Review of 150+ MW WPP in Kazakhstan.** **ERG / Terrawatt** Kazakhstan

- Design review
- Siting and resource review
- Layout and logistics
- Permitting review
- Grid constrains analysis and interconnection review
- Financial model review
- Review of company's strategical documents
- O&M contracts review
- Site visits
- Contractual and Resource Analysis

Independent Project Review and recommendations on project maturity to proceed to next stage of development

2021 **Owner's Engineer for Dnistrovska WPP Phase 2 (60 MW)** **Elementum Energy** Ukraine

60 MW wind power plant construction in vicinity of Bilhorod-Dnistrovskyi, Ukraine.

Services provided:

- Design review
- Preparation of RfP for procurement of works and services
- Bids evaluation
- Project Management Concept
- Contracting support
- Grid constrains analysis and interconnection review

	• Construction Management Plan • Master Project Schedule preparation, CPM reviews and Progress Reviews • Construction Supervision • Commissioning Supervision Performance and Acceptance Testing		
2021-ongoing	**Owner's Engineer for South-Ukraine WPP** 300 MW wind power plant construction in vicinity of Ochakiv, Ukraine. **Services provided:** • Design review • Project Management Concept • Contracting support • Grid constrains analysis and interconnection review • Construction Management Plan • Master Project Schedule preparation, CPM reviews and Progress Reviews • Construction Supervision including Certified construction supervision • Commissioning Supervision Performance and Acceptance Testing	South Ukrainian Wind Power Plant LLC, Longyuan Power / Tractebel	Ukraine
2020 - ongoing	**Volyn West Wind Power Plant** The Project aimed at construction of a Wind Power Plant with a capacity 187,8 MW in Volyn region, Ukraine. **Services provided:** • Technical due diligence • Preparation of tender documentation, contract negotiations, and bid evaluation • Assistance in wind turbines procurement • Master Project Schedule preparation • Site visits	Nebras Power Q.P.S.C. (Qatar) / UDP Renewables / Tractebel	Ukraine
2021	**Technical Advisory Services for Acquisition of 30 MW Solar PV - Due Diligence Services** Nepcoe Capital Partners wishes 30 MW SPP located in Ukraine. **Services provided:** • Design review • Permitting review • Grid constrains analysis and interconnection review	**Nepcoe Capital Partners**	Ukraine

	• O&M contracts review • Asset condition verification and site visits • Contractual and Resource Analysis • Financial model review, benchmarking and recommendations on sale price • Red flag review report		
2021	**Wind power plant red flag review** Review of permits, grid connection, contracts and design to identify any potential technical red risks	**Confidential/** **Tractebel**	Sweden
2020	**Technical Advisory Services for Acquisition of a Majority Equity Stake in Renewables Solar PV - Vendor Due Diligence Services** Nebras Power Q.P.S.C. wishes to acquire from UDP Renewable and Astra Capital an interest in a portfolio of solar and wind energy projects (Portfolio) located in Ukraine. The Portfolio comprised 12 solar PV plants and one wind farm project spread across diverse regions in Ukraine. The Portfolio contained approximately 238,6 MWp of nameplate solar PV capacities and 57 MW wind farm, it was further concentrated to: • 1 under construction Solar PV plant • 9 operational Solar PV plants **Services provided:** • Design review • Permitting review • Grid constrains analysis and interconnection review • O&M contracts review • Asset condition verification and site visits • Contractual and Resource Analysis • Red flag review report and comprehensive due diligence report	Nebras Power Q.P.S.C. (Qatar) / Tractebel	Ukraine
2020 – ongoing	**60 MW Wind Power Plant Due Dilligence** • Technical due diligence of 20+40 MW wind power plant in Lviv region • Design review • Permitting review • Grid constrains analysis and interconnection review • O&M contracts review • Schedule review • Further advising of the Client • Site visits	Confidential / UL	Ukraine

2020 - 2021	**Owner's Engineer for Yuzhne Energy Wind Farm** Yuzhne Wind Power Project is located in Odessa in Ukraine and plans to install 17 turbines, the total capacity is 76.5MW. The proposed turbine is Nordex 4500-149 **Services provided:** • Design review • Project Management Concept • Construction Management Plan • Master Project Schedule and Progress Reviews • Construction Supervision (including certified construction supervision) • Commissioning Supervision • Performance and Acceptance Testing	Yuzhne Energy LLC, Longyuan Power / Tractebel	Ukraine
2019-ongoing	**565 MW Tiligul Wind Power Plant – Bankable Feasibility Study, Preliminary design & Procurement (World Bank standards)** The main objective of the assignment was prepare the feasibility study, preliminary design and to procure the wind farm according to the World Bank standards in 3 different packages Overall project value is USD 600+ mln. **Services provided:** • **Preparation of preliminary design, feasibility study and tender documents (incl. tender specifications and employer's requirements) for the electrical works and assistance during evaluation and contract negotiations and procurement support. Those included Subst. 330 kV, OHL 330 kV, various power collection substations and cable lines 35 kV** • Site suitability assessment of the offered wind turbines • 16 procurement lots were successfully prepared and tendered. • Engieers of the Consultant have provided further monitoring suppor ***Project was re-formatted, first stage comprising 19 turbines were commissioned in 2023 having the overall installed capacity of 114 MW. The extension of the project is being under consideration.***	DTEK Renewables / Tractebel / UL	Ukraine
2020 – postoponed	**Lender's Technical Advisor services for the 800+ MW Wind Farm** construction project including technical advisory (site monitoring) and due diligence services. • Design review • Permitting review • Grid constrains analysis and interconnection review • O&M contracts review • EIA, ESAP, ESMP, Equator Principless review, • Financial model review, • Asset condition verification and site visits	JP-Morgan / UL	Ukraine

	• Contractual and Resource Analysis • Site monitoring missions		
2018-2021	**Orlovka Wind Farm 100 MW - Owner's Engineering Services** Construction of Orlovka Wind Farm aimed at providing 190 thousand households with clean energy and reducing CO_2 emissions. The objective of the assignment is to provide Owner's Engineering Services during Implementation of a 100 MW wind farm in Ukraine. **Ad-hoc services:** • Design review • Construction Supervision • Other Owner's engineer tasks required • Support during defect liability period • Site visits • Equipment acceptance • Claim management	DTEK Renewables / Tractebel	Ukraine
2020	**Prymorsk Wind Power Plant** Support during defect liability period, Claim management	DTEK Renewables / Tractebel	Ukraine
2019-2020	**Consultancy Services for Project Owner – 240 MW Pokrovska Solar Power Plant** DTEK launches the Pokrovska Solar Power Plant (240 MW), the second largest solar farm in Europe by installed capacity. The solar farm construction aimed at providing 200 thousand households with clean energy, reducing CO_2 emissions and strengthen energy independence of Ukraine. **Services provided:** • Design review • Project owner support (construction planning and management) • Construction monitoring • Procurement support • Detailed construction schedule (development and constant update during the whole construction period, construction monitoring) • Commissioning support	DTEK Renewables / Tractebel	Ukraine
2019-2020	**EBRD: Lenders' technical and environmental adviser – Irshanska Solar Project**	EBRD / Tractebel	Ukraine

	The project is aimed at construction, development and operation of a Solar PV Power Plant with a capacity of 30 MWp in Ukraine. In total, the sites comprise 46 ha. **UTA undertakes the Assignment to provide the Lenders with the following services:** • Report on the technical aspects and risks of the Project • Full Bankable Energy Yield Report (in order to enable the Lenders to assess whether the Project Company will have the capacity to service the proposed loan) • Environmental, Health, Safety and Social Impacts Assessment • Environmental and Social Action Plan preparation		
2019	**Smerechanska WPP (nominal capacity of 33 MW)** Alfanar Co. provided investments for construction of wind power park in Stariy Sambir, Turka and Skole districts in Lviv region in the framework of regional investigation program - Smerechanska WPP - with a nominal capacity of 33 MW. **Services provided:** • Design review • Permits review • Limitations review • Grid connection review • Preparation of financial estimates and CapEx values	Alfanar Co. (Saudi Arabia)/AF Mercados	Ukraine
2019	**Portfolio review (400+ MW of Solar PV Plant) – Grid Connection Aspects** SCATEC (Norwegian company in PV implementation) approached UTA in portfolio review, with the focus of grid interconnection aspects.	**SCATEC (Norway)**	Ukraine
2018-2019	**Comprehensive Due Diligence of the 223 MW Wind Farm** The project involves the development, construction, and operation of a 223 MW wind farm in Zaporizhia region, Ukraine. **Services provided:** • Curtailment analysis (Grid modelling, financial calculations) • Full electrical analysis (grid interconnection, grid studies, electrical design etc) • Contracts review (connection agreement, power purchasing agreement and others) • Civil construction aspects (foundations, roads) • EPC Contract review • Review of other aspects which may influence the investment	General Electric (USA) / UL	Ukraine

2018-2019	**Syvash Wind Farm 250 MW - OVD (ESIA) development** Syvash Wind Farm is a 250 MW onshore wind project being developed in Ukraine; the biggest renewable energy project in the country. **Services provided:** • OVD (EIA) development according to recently adopted Ukrainian legislation • OVD (EIA) harmonization with the international standard ESIA (modification of both documents) The assignment includes follow up activities for all Environmental and social activities according to Ukrainian legislation and EBRD standards.	NBT AS (Norway-Ukraine)	Ukraine
2018	**Orlovka Wind Farm 100 MW - EPC Tender Documentation Preparation** Orlovka Wind Farm is located in Zaporizhia region in Ukraine and aimed at providing 190 thousand households with green energy and reducing CO_2 emissions. The task was to: prepare the EPC Tender Documentation for Orlovka Wind Farm also as a template for future tender documentations within the DTEK. The task included full technical review of the draft specifications prepared by the client.	DTEK Renewables	Ukraine