

Blanboz - Track Records & Experience

Company	Location	Size MW	Size MWh	Scope	BESS Provider	Project description
Development		1170	4640			
Green Hedge Deutschland GmbH	Germany	50	200	Development	Various	BESS design support for municipality permitting across Germany
Confidential	Germany	120	440	Development	Unknown	Development support for 2 x BESS projects in Germany
Investment Group	Germany	1000	4000	Development	CSES	BESS design support for municipality and building permitting in Germany
Procurement		1744	3558			
Confidential	Germany	60	240	Developer/Owner. Contract Negotiations	BSA & BOP contract negotiations ongoing	Main BESS technical lead for the contract negotiations, BSA and BOP agreements, of a 60 MW x 240 MWh (4-hour system) BESS project located in Germany.
Confidential	Germany	90	180	Developer/Owner. Contract Negotiations	CATL, Power Electronic (PCS), BOP Contractor	Main BESS technical lead for the contract negotiations, BSA and BOP agreements, of 2 x BESS projects in Germany, 60 MW x 120 MWh and 30 MW x 60 MWh.
Confidential	UK, Scotland	1000	2000	Developer/Owner. Contract Negotiations	Canadian Solar Energy System (CSES), Power Electronic (PCS)	Main BESS technical lead for the contract negotiations of 2 x 500 MW / 1000 MWh BESS projects. Additionally, supporting during the OE phase.
European Energy	UK, England	50	100	Developer/Owner. Contract Negotiations	Tender stage	Main BESS technical lead for the contract negotiations for the BESS side of the co-located solar PV (65 MWp) + BESS (50 MW / 100 MWh) connected to NGET in the UK.
Elements Green	UK, England	360	790	Developer/Owner. Contract Negotiations	Hithium, NR (PCS)	Main BESS technical lead for the contract negotiations of the 360 MW / 720 MWh BESS project connecting to the transmission in the UK.
Confidential	Germany	34	68	Developer/Owner. Contract Negotiations	CATL, Power Electronic (PCS)	Main BESS technical lead for the contract negotiations, BSA and BOP agreements, for two BESS projects located in Germany, each with 17 MW / 34 MWh capacities.
Confidential	UK, England	300	600	Developer/Owner. Contract Negotiations	Tesla, Envision, GE, Siemens, Sungrow (GI), Trina Storage, AVK	Over a year in negotiations, aiming NTP mid-Feb 2024, Owner's Engineer (future work). 400 kV connection (transmission). The main technical lead supporting the overall project technical specifications, the batteries and PCS elements. Contract negotiations in both technical and commercial elements.
Owner's Engineer		4037	8138			
Elements Green	UK, England	360	720	Owner's Engineer	Hithium, NR (PCS)	Owner's Engineers providing support to Element's Green delivery team, with a primary focus on supervising the BESS supply scope and ensuring comprehensive project integration and commissioning. Energisation is expected to happen in Q2 2027.
European Energy	Lithuania and UK	100	200	Owner's Engineer	Tender stage	Support Danish developer with two BESS projects, one in the UK and another in Lithuania. BESS technical lead, writing technical specifications and leading the contract negotiations from the techno commercial angle.
Confidential	UK, Scotland	1500	3000	Owner's Engineer	Canadian Solar Energy System (CSES), Power Electronic (PCS)	3 x 500 MW / 1000 MWh in Scotland, UK. One of the main technical BESS leads during construction, the energisation is expected by mid-2026 for one project and end of 2027 for the other two projects.
Atlantic Green	UK, England	300	600	Owner's Engineer	Various	Main technical BESS lead during contract negotiation. Started with detailed design review and energisation by mid-2026.
Confidential	UK, Scotland	1200	2400	Owner's Engineer	CATL (EnerC+), General Electric (MV skids)	3 x 400 MW / 800 MWh in Scotland, UK. Main technical BESS lead during contract negotiation. Starting detailed design by the end of 2024 and energisation by mid-2026.
Confidential	UK, England	14	28	Owner's Engineer	Tesla (Megapack XL)	Main technical lead writing the technical specifications. Construction monitoring support and BESS commissioning lead (owner side). Expected energisation March 2024. Works completed.
Confidential	UK, England	16	32	Owner's Engineer	Tesla (Megapack XL)	Main technical lead writing the technical specifications. Construction monitoring support and commissioning BESS lead (owner side). Expected energisation April 2024. Works completed.
Confidential	UK, England	28	56	Owner's Engineer	Trina Storage (Elementa), Power Electronics (MV skids)	One of the first co-located BESS with solar PV to be energised in the UK. BESS commissioning engineer (owner side). Energisation Feb 2024. Works completed.
Confidential	South Africa	60	240	Owner's Engineer	CATL (EnerOne), Power Electronics (MV skids)	BESS technical lead in contract negotiation BESS commissioning lead (owner side). 2 projects operational as Oct 2023. 2 projects to be energised in mid 2024. Works completed.
Confidential	UK, England	250	500	Owner's Engineer	Envision	275 kV connection (transmission). BESS technical lead for extension of the existing BESS project. Project awaiting FID.
Confidential	Republic of Ireland	64	32	O&M Monitoring	Samsung, SMA (PCS)	Supported the LTA for performance and revenue reviews. Works finished
Confidential	Various	100	200	Owner's Engineer - O&M Monitoring	BYD; CATL (EnerC), GE (PCS)	Supported as BESS inspector and warranty claims. My works finished.
Confidential	Philippines	20	80	Owner Support	Confidential	BESS technical lead working on behalf of the owner in reviewing OEM root-cause analysis of fire and explosion of one battery container. Work completed in 2022.
Confidential	UK, Scotland	25	50	Owner Support	Confidential	Supporting owner with transportation and disposal strategies of burnt batteries. Works completed in 2023.
TA/LTA		1339	2888			
Confidential	UK, England	120	240	RTMA LTDD	Sungrow	Co-located BESS with solar PV. Supported the lender with review and risk identification from the techno-commercial angle related to the agreements negotiated with the Route-to-Market Agreement providers under the Tolling Agreement, Floor and Tooling-only agreements, split into two RTMs.
Confidential	Jedwabno, Poland	150	150	LTDD	Sungrow	Supported lender technical due diligence as BESS Expert. Finance process expected to be completed in December 2025.
Confidential	Antofagasta, Chile	139	638	LTDD	Sungrow	Co-located BESS (claimed to be the largest BESS in South America) with solar PV (180MWac). Supported lender technical due diligence as BESS Expert. Finance secured in 2023. Works completed.
Confidential	UK, England	30	60	LTDD	Canadian Solar Inc.	Co-located BESS with solar PV. Supported lender technical due diligence as BESS lead engineer. Expected energisation March/May 2024. Works completed.
Confidential	UK, England	900	1800	Vendor's DD	Unknown	OCCGT grid conversion to BESS Vendor TDD. BESS & Grid connection tech lead. Works completed.
Quality Assurance / Factory Acceptance Tests (FAT)						
Confidential	Suzhou, China	5	10	Owner Support	Envision	Twin MV skid FAT witnessing for a large transmission project in the UK. The FAT witnessing included the PCS and the MV transformer.

Scope of Work	MW	MWh
Development	1,170	4,640
Procurement	1,744	3,558
Owner's Engineer	4,037	8,138
TA/LTA	1,339	2,888
Total	8,290	19,224

Battery cell experience
CATL
Panasonic
EVE
Hithium
Samsung
Rept
SAFT
Narada
Envision
LGChem
CALB (inc. long life)
CSES
GanFeng

Confidential	UK, Scotland	Various	Various	Owner Support	BYD	3 sets of FAT for 3 BESS projects in the UK, including batteries and PCS. Remote assistance to local Chinese inspectors. Works completed in 2023.
Confidential	Suzhou and Dafeng, China	500	1000	Owner Support	CSES	3 batches of FATs during three separate FATs, including full system within the battery containers, in addition to performance analytics. Works completed in 2025.
Confidential	Valencia, Spain.	500	1000	Owner Support	PowerElectronics	1 set of FAT for the PCS, MV transformer and ring-main unit. Works completed in 2025.
Confidential	Online	1.5	6	Owner Support	HoyPower (EVE cells)	1 set of FAT for 1 BESS project in Mozambique, including only batteries. Virtual FAT. Works completed in 2023.
Confidential	Italy	17 kVA	N/A	Owner Support	GEC Elettronica Industriale	2 sets of FAT for UPS (including inverter and rectifier, excluding batteries) for 2 BESS projects in South Africa. Factory FAT. Works completed in 2023.
Blanboz Internal	Nanning, China	N/A	N/A	Internal	BYD	Factory quality assurance auditing. Works completed in 2025.
Blanboz Internal	Xiamen, China	N/A	N/A	Internal	Hithium	Factory quality assurance auditing. Works completed in 2025.

Quality Assurance / Commissioning Support

Company	Location	Size MW	Size MWh	Scope	BESS Provider	Project description
Confidential	UK, England	14	28	Owner's Engineer	Tesla (Megapack XL)	<p>Part of the team of Owner's Engineers for a 14 MW/28 MWh BESS project in England, UK, utilising Tesla Megapack XL technology, we delivered critical oversight during the 2024 commissioning phase. We expertly witnessed both cold and hot commissioning processes, ensuring seamless execution of pre-energisation checks and live system integration. Our rigorous evaluation of Site Acceptance Test (SAT) performance against stringent contract specifications guaranteed compliance and operational reliability, facilitating the project's successful completion.</p> <p>A pivotal contribution was our leadership in the root cause analysis of a major arc-flash incident caused by MV transformer malfunctions. Leveraging our deep technical expertise, we conducted a thorough investigation, identifying critical failure modes and coordinating with stakeholders to implement robust corrective measures. This ensured the restoration of safe operations and compliance with safety standards, mitigating risks for the project and its stakeholders. Our proactive approach and precise documentation were instrumental in achieving project milestones on schedule in 2024, reinforcing our proven ability to deliver high-quality outcomes in complex BESS commissioning environments.</p>
Confidential	UK, England	16	32	Owner's Engineer	Tesla (Megapack XL)	Same scope as project above.
Confidential	UK, England	28	56	Owner's Engineer	Trina Storage (Elementa 1), Power Electronics (MV skids)	<p>As part of the Owner's Engineer team for a 28 MW/56 MWh BESS project in England, UK, utilising Trina Storage Elementa 1 and Power Electronics MV skids, we delivered expert supervision during the 2024 commissioning phase. We thoroughly reviewed inspection test plans, implementing key enhancements to optimise owner outcomes. Our meticulous witnessing of delivery acceptance tests, cold, and hot commissioning ensured full compliance with technical specifications. During the delivery acceptance test, we identified non-compliant LV AC feeder cable colouring in battery containers, violating BS 7671 (17th edition), and drove swift rectification. Additionally, our deep expertise in BS 7671 inspection and testing revealed polarity issues in connections between PCS and battery containers, enabling timely corrections for safe energisation. Our proactive approach and technical precision ensured the successful commissioning of our projects.</p> <p>Our thorough evaluation of SAT performance against contract requirements was critical in securing the Taking Over Certificate, confirming operational readiness and contractual compliance. Completed in 2024, my precise and proactive approach ensured project success and stakeholder confidence.</p>
Confidential	South Africa	60	240	Owner's Engineer	CATL (EnerOne), Power Electronics (MV skids)	As part of the team of Owner's Engineer for three BESS projects in South Africa, utilising CATL EnerOne and Power Electronics MV skids, we expertly conducted SATs and performed performance test reviews against contract parameters in 2023. Our work ensured compliance with specifications, enabling successful commissioning and operational validation for both projects.
Confidential	UK, Scotland	1500	3000	Owner's Engineer	Canadian Solar Energy System (CSES), Power Electronic (PCS)	<p>As Owner's Engineer for three 500 MW/1000 MWh BESS projects in Scotland, Utotallingling 1500 MW/3000 MWh), utilising Canadian Solar Energy Systems and Power Electronics PCS, Blanboz is engaged to conduct rigorous Taking Over Certification pre-requisite audits and performance test reviews. For the first project, set to be energised by December 2025, Our deliverable is to provide comprehensive audits ensure plant readiness and compliance with contract specifications.</p> <p>Similar engagements for the remaining two projects, expected to conclude by mid-2027, underscore our expertise in managing large-scale BESS commissioning.</p> <p>Additionally, Blanboz is negotiating a role to audit projects full compliance with NFPA 855 and IEC 62933-5-3 Section 8, leveraging our deep knowledge of safety and performance standards to validate design and construction integrity.</p>

Confidential	UK, Wales	120	240	Owner's Engineer	CATL (EnerC +), SMA (MVPS)	Our team has been selected to provide Owner's Engineering services for commissioning support of a 120 MW / 240 MWh BESS in the UK, utilising CATL EnerC+ and SMA MVPS technologies. This significant project is advancing toward mechanical and cold commissioning in Q3 2025. Despite challenges with grid connectivity, we are proactively collaborating with stakeholders to facilitate hot commissioning using generators, ensuring project momentum. Depending on agreements with the grid operator and contractors, energisation is anticipated by the end of 2025 or Q2 2026 if grid delays persist. Our role includes witnessing cold and hot commissioning, as well as providing a comprehensive review of the testing and results against the Taking Over requirements under the BESS supply agreement, leveraging our expertise to ensure successful project delivery.
Confidential	Cuamba, Mozambique	6	24	Owner's Engineer	HoyPower (EVE) / SMA (PCS)	As an Owner's Engineer for a 6 MW/24 MWh BESS project in Cuamba, Mozambique, using HoyPower (EVE cells) and SMA PCS, we provided expert remote support in 2023. We meticulously witnessed SAT and conducted performance test reviews against contract parameters, ensuring compliance and operational reliability. Our efficient remote oversight and precise documentation enabled successful project validation, demonstrating our ability to deliver high-quality BESS commissioning outcomes under challenging conditions.