PRISMECS®

GREECE

150MW LM6000 PC UNITS RELOCATION PROJECT

A SHOWCASE OF EXPERTISE, PRECISION, AND SUCCESS

The 150MW project in Greece showcases our dedication, expertise, and excellence. From inspection to installation, it highlights meticulous planning, challenges overcome, and key successes

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WHERE EPC IS DRIVEN BY INTEGRITY

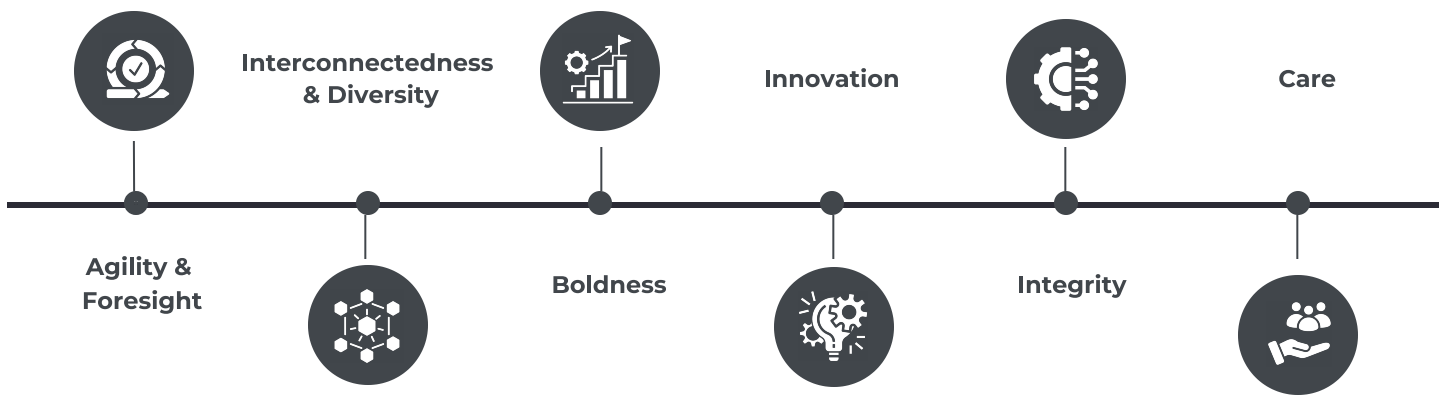
PRISMECS: Your preferred partner for exceptional supply chain and engineered solutions.

MISSION

Utilizing diverse expertise and technology for innovative local and global solutions, we foster interconnectedness and knowledge sharing to turn potential into success

VISION

Prismecs aims to drive industrial innovation through the integration of diverse expertise and technology, contributing to a smarter, interconnected global community.



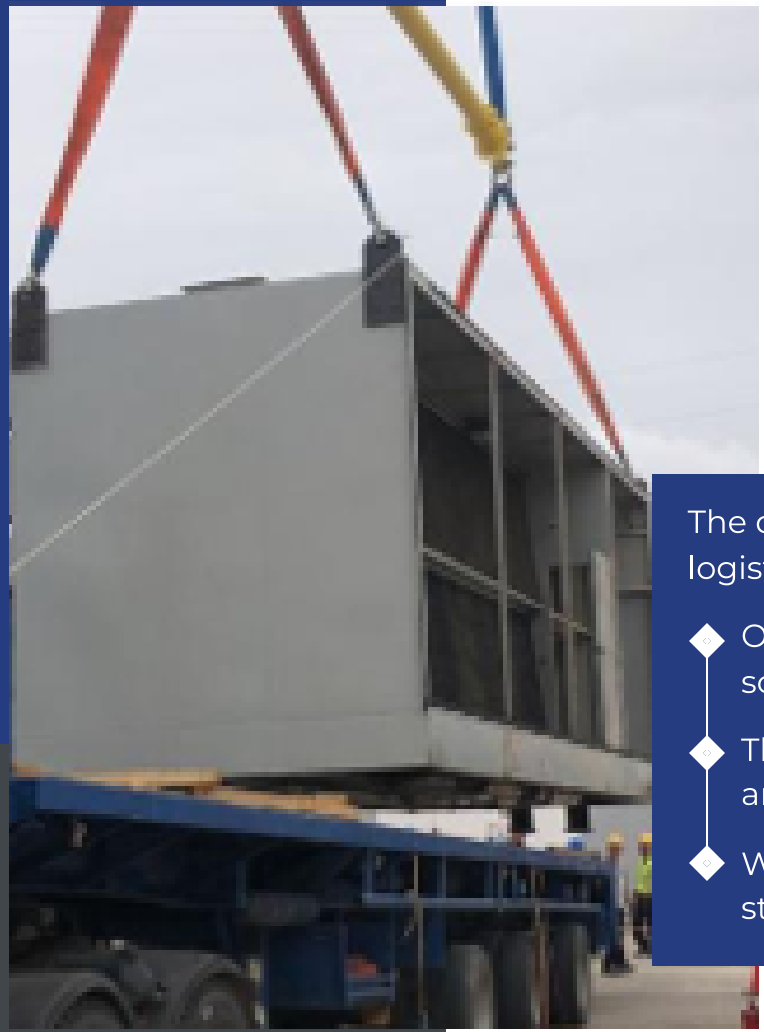
150MW LM6000 PC UNITS RELOCATION PROJECT

INSPECTION TO INSTALLATION: LM6000PC UNITS

The 150MW Project in Greece exemplifies our unwavering dedication, expertise, and commitment to excellence. This story traces the project's remarkable journey—from initial inspection and decommissioning to the current installation phase—highlighting the intricate processes, overcoming challenges, and celebrating the key successes that have shaped its progress.

The initial inspection laid a strong foundation, ensuring smooth progress and achieving significant milestones.

- Conducted a thorough site inspection, evaluating existing LM6000PC units, auxiliaries, and BOP systems to identify potential issues.
- Performed an extensive site visit in March 2024, documenting wear, corrosion, and mechanical concerns in detail.
- Produced a comprehensive overview with detailed photographs and technical assessments to guide future phases.



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DECOMMISSIONING PROCESS

After the inspection, we transitioned to the decommissioning phase, focusing on safely dismantling the three LM6000PC units. A detailed plan and Material Take-Off (MTO) outlined essential steps, timelines, and resources. Strict safety protocols ensured minimal site disruption. The process upheld the highest standards of safety and efficiency.

The decommissioning phase presented unexpected technical and logistical challenges.

- Our team leveraged collective expertise and innovative problem-solving to address these obstacles.
- The solutions we implemented ensured the project remained on track and on schedule.
- We provided a transparent snapshot of progress, keeping all stakeholders informed.

150MW LM6000 PC UNITS RELOCATION PROJECT

ISSUES FACED AND MITIGATED

We tackled scattered documentation by implementing a systematic management approach and thoroughly reviewing Electrical and Instrumentation As-Builts. Starting from the ground up, we developed a comprehensive Material and Equipment Log, Material Take-Off list, and Tools and Equipment inventory.

Issues were effectively mitigated, ensuring smooth progress and significant milestones in installation.

- Designed and fabricated custom solutions for missing Lifting Trunnions and Generator Locking Rings.
- Developed an Integrated Project and Communication Management plan to tackle language barriers and space constraints.
- Implemented a Just-In-Time delivery schedule for seamless execution and minimal disruption on Crete Island.

150MW LM6000 PC UNITS RELOCATION PROJECT

INSTALLATION AND COMMISSIONING

With the decommissioning phase complete, we transitioned to the installation of LM6000PC units, requiring precise coordination and execution. Our detailed installation plan included step-by-step guidance, technical specifications, and strict safety protocols. The team followed the plan meticulously, ensuring accuracy and efficiency. This approach resulted in a smooth installation process.

The decommissioning phase presented unexpected technical and logistical challenges.

- Successful installation of the first LM6000PC unit, with electrical and mechanical connections in progress.
- Ongoing installation of the second unit, with structural assemblies nearing completion.
- Preparation for the installation of the third unit, with materials and equipment on-site and ready for assembly.

150MW LM6000 PC UNITS RELOCATION PROJECT

CONCLUSION

The first two units of the 150MW power plant are nearing mechanical completion. Our team remains dedicated to ensuring the highest standards of safety and quality through expert guidance and on-site supervision, which is conducted daily. This proactive approach has not only ensured smooth installation but has also strengthened our relationship with the customer.

The installation is progressing smoothly, with significant milestones successfully achieved.

- Showcased meticulous planning, collaborative teamwork, and commitment to excellence.
- Set a new benchmark for future projects by tackling complex challenges effectively.
- Delivered exceptional results, reinforcing the ability to handle large-scale initiatives.

KVAERNER, NORWAY (1ST UNIT)

DECOMMISSIONING (APR 2024 -JUL 2024)

Plant is Operational

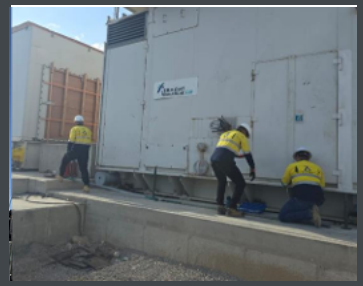
Removal of Top Boxes

Transport Readiness

Package Transport

INSTALLATION & COMMISSIONING (APR 2024 -JUL 2024)

Packages Installation



Leveling Checks

Top Box Installation

Mechanical Completion

HOUSTON, USA (2CD UNIT)

DECOMMISSIONING (APR 2024 -JUL 2024)

Plant is Operational

Removal of Top Boxes

Transport Readiness

Package Transport

INSTALLATION & COMMISSIONING (APR 2024 -JUL 2024)

Plant is Operational

Packages Installation

Top Box Installation

Mechanical Completion

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