



ArcelorMittal

Energy Projects: the global steel solution provider



Energy Projects: your complete steel solutions provider for the energy sector

With four million tonnes of deliveries to the energy sector, ArcelorMittal Energy Projects is one of the world's largest suppliers to this highly demanding market. Our leadership in the sector comes from the partnerships we have developed with our customers, our extensive product portfolio, our highly experienced people, and the innovative and technical solutions we offer.

Along with our products, Energy Projects offers project management services which help our customers to turn critical projects into success stories. With our extensive experience and worldwide presence, we are the reliable partner for the global energy industry.

Complete product offer

Energy Projects' extensive portfolio of products includes high grade and specialty steels and solutions for upstream, midstream, and downstream energy applications. Steels are supplied from our own ArcelorMittal mills (including Tubular Products, Flat, and Long Products). We extend this offer with support from selected third-party mills and our own stockyards. This provides the most complete offer and cost-efficient supply chain for the global energy sector.

Our services

Dedicated Energy Projects teams focus on developing mutually beneficial partnerships with our customers. This enables us to guarantee the delivery of reliable and flexible solutions and services. We can support our customers with high-value and specialised project management skills over the entire lifecycle of each project.

Our service offer includes:

- Technical support
- Quality control and inspection
- Steel processing and prefabrication
- Document control management
- Tailored logistics.

Creating smarter steels

Steel is as relevant as ever to the future success of our world. As one of the few materials to be completely reusable and recyclable, it will play a critical role in building the circular economy of the future.

Our ambition to develop even smarter steels is led by ArcelorMittal's Global R&D teams. Their commitment to innovation extends beyond developing new products and processes. It also includes services and methods which will positively impact your projects, wherever they are in the world.

Building a future with low-carbon green steel

As the world's leading steel company, ArcelorMittal believes we have a responsibility to lead efforts to decarbonize the steelmaking process. To reflect our commitment to a sustainable future, ArcelorMittal Europe has announced its goal of carbon-neutral steelmaking by 2050. Our certified XCarb™ green steel certificates represent one of the first outcomes of these efforts. They will help all stakeholders in the steel supply chain to reduce their environmental footprint.

Energy Transition

Investments in renewable energy and sustainable infrastructure have become key drivers in the business strategies of our customers and their stakeholders. ArcelorMittal can support you in this changing world by providing innovative steel solutions which help you to tackle these challenges.

Experience

Safety and sustainability standards can only be maintained if your steel producer sustains a high level of quality and know-how. ArcelorMittal's certified products and our experience across hundreds of projects in the energy sector prove the high quality of our solutions and steels. With our experienced and highly skilled people, we can ensure reliable steel quality, useful services, and support at all levels of your business.

Global presence

ArcelorMittal has a global sales and production presence. Our footprint covers most energy producing regions of the world including Africa, Asia, Europe, the Middle East, and North and South America. This enables us to offer customers a local partner who can offer the best support, services, and solutions.

Customer proximity

We are connected to our customers through a global network of offices. By working closely with our customers, ArcelorMittal Energy Projects can ensure optimum and tailor-made steel solutions and services. We guarantee a prompt supply chain using local service centres, a comprehensive stock program, just-in-time deliveries, and dedicated project management services.

We take every opportunity to understand our customers and their requirements. This enables us to find the ideal solution to every need and challenge you face. We always do this in close partnership with all project stakeholders.

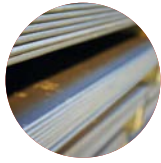
Our people

Energy Projects' highly skilled international teams are ready to support you, whatever the question and challenge. Our people...

- Are specialised in our key markets
- Are dedicated and technically skilled
- Are entrepreneurial and flexible
- Have extensive knowledge of local markets
- Thrive on complexity
- Have an extensive track record of projects
- Offer value and solutions driven by the needs of our customers.

Products

Energy Projects offers a wide and comprehensive range of steel products for the energy sector. Our high-quality products meet the most stringent specifications for various applications and they can be used in the industry's toughest environments.



Plates

Our high strength plate sizes can be standardised or tailored to your fabrication and design requirements. Minimum order quantities can be as low as two metric tonnes per size.

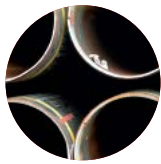


Beams & sections

ArcelorMittal's structural beams and sections are produced to the highest level of quality and include our proprietary Histar® grades.

The size range available includes:

- American (W size)
- British (UB/UC size)
- European (IPE/HE/UPN)



Pipes and tubes

Our range of pipes and tubes covers almost all the energy industry's requirements. Our offer includes:

- OCTG (Oil Country Tubular Goods)
- Seamless riser and flowlines
- Offshore structural pipes
- Seamless line pipes
- Large diameter spiral and longitudinally welded line pipes
- Process seamless (carbon and alloy).



Krybar®

Krybar® is a specially designed reinforced steel bar for the construction of cryogenic liquid natural gas (LNG) tanks. It has high ductility, even at very low temperatures (down to -170°C/-274°F). Krybar® has a proven track record and complies with EN 14620 and BS 7777.



Alupur® (Aluminized Type 2)

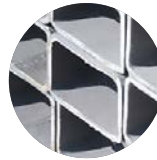
Alupur® combines the strength and fire resistance of steel with the corrosion resistance of pure aluminium.

ArcelorMittal's Alupur® steels can be used as jacketing or cladding material in refineries, petrochemical facilities, gas power plants, oil storage facilities, liquid natural gas terminals, and pipe cladding.



Mooring wires

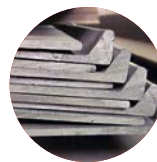
Our mooring wire systems are engineered for the long-term security of floating production systems such as FPSO, turrets, and floating wind turbines in seawater depths of up to 1,500 metres.



Hollow sections

Energy Projects can supply hollow sections in accordance with standards such as EN 10210, EN 10219, and EN 10225. They are suitable for all mechanical and construction applications.

We also supply cold- and hot-formed round, square, and rectangular hollow sections in high strength steels. Hot-formed hollow sections can also be delivered without seams.



Bulb flats

Bulb flats are used as plate stiffeners, especially in the shipbuilding industry. Our bulb flats meet international standards for shipbuilding (ABS, DNV-GL, and LRS). We also supply grades which comply with S355MLO (as per EN 10225- 2019) for offshore applications.

Stock program

Seamless pipes

- API 5L X52/L360 PSL 2
- S355NLHHO (S355G14+N)
- Norsok M-120 Y22

Welded pipes

- API 5L X52/L360 PSL 2
- API 5L X56/L390 PSL 2
- API 5L X65/450 PSL 2

Offshore plates

- API 2W Gr 50
- S355MLO (S355G9+M)
- EN10225-1: 2019 S420MLO (S420G1+M)
- EN10225-1: 2019 S460MLO (S460G1+M)
- Norsok M-120 Y20/Y30/Y40

Offshore sections

- EN10225-2: 2019 S355MLO (S355G11+M)
- EN 10025 S355ML
- Norsok M-120 Y26

Boiler Quality plates

- ASTM/ ASME A/SA 516 Gr60/65/70N NACE MR0175

Alupur®

- Up to 2mm pre-coated steel



Applications

Offshore oil & gas

FPSO & FLNG

Our comprehensive range of shipbuilding grades, products, and services are also suitable for floating and processing units and drilling ships. We offer products for hull fabrication, topside modules and turret fabrication, flowlines, line pipes, and mooring systems.

Fixed offshore platforms

Energy Projects can supply high strength steels for offshore applications which meet international norms and safety standards. We offer products for different offshore applications including jackets, tripods, rigs, decks, and topsides.

Subsea structures

New platforms are being installed in deeper and deeper waters around the globe. Safe and efficient connections from topside platforms and vessels to the wellheads and pumps on the seafloor are necessary to guarantee reliable oil extraction operations.



Offshore wind energy

Energy Projects has a strong track record in the supply of structural steels to players in the renewable energy industry. We can supply structural steels for various offshore applications such as jacket foundations, floating foundations, and substations.

OCTG

Energy Projects can offer OCTG casing, tubing, and various tubular accessories which meet all relevant international standards. The pipes are threaded according to API standards and Cal IV patented designs using premium connections.



Line pipe

Onshore line pipe

We supply line pipes for:

- The transport of fluids or gases under pressure
- Processing plants to transport oil, gas, and refined products through complex networks of interconnected pipelines.

Subsea umbilicals, risers and flowlines (SURF)

Energy Projects supplies the risers and flowlines that bring hydrocarbons from the wellhead to the surface and then route them to the processing plant.



Onshore downstream

Refineries & Processing (HPI)

We provide high-quality seamless steel pipes and pressure vessel plates for refineries, petrochemical complexes, and gas processing units. Our offer includes tailored logistics and services. Energy Projects supplies both carbon and alloy steel products in a wide dimensional range. These steels are suitable for the toughest and most demanding environments and applications.

LNG & storage tanks

We supply various products for processing modules and storage tank terminals. Some of these products include:

- Structural tubular steels
- Plates, beams, and sections
- Krybar® (cryogenic reinforcement bars) for LPG/LNG tank construction.

Insulation (Alupur®)

Protecting structures in the event of a fire is a major challenge for the oil & gas and petrochemical industries. To ensure the safety of workers and installations, superior fire-resistant products are required. Our solution is Alupur® which offers superior corrosion resistance in all environments (urban, industrial, and marine).



Our global presence and network enable us to serve you in all the major energy hubs



www.arcelormittal.com/energyprojects

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