

Distinctive. Choice.



Energy & Industry Risks



Risk and Insurance Services

Overview

The pace of technology change in the energy sector has wide ramifications for the insurance needs of clients. In recent times, new and ever more restrictive clauses to insurance policies have been introduced, dramatically affecting the level and scope of protection afforded to businesses.

Jardine Lloyd Thompson (JLT) Asia is one of the fastest growing risk solutions providers for the energy sector in the region. We pride ourselves on our ability to assess the impact of industry changes and create or adapt insurance and risk solutions to ensure that the extent of protection addresses the specific requirements of our clients' businesses.

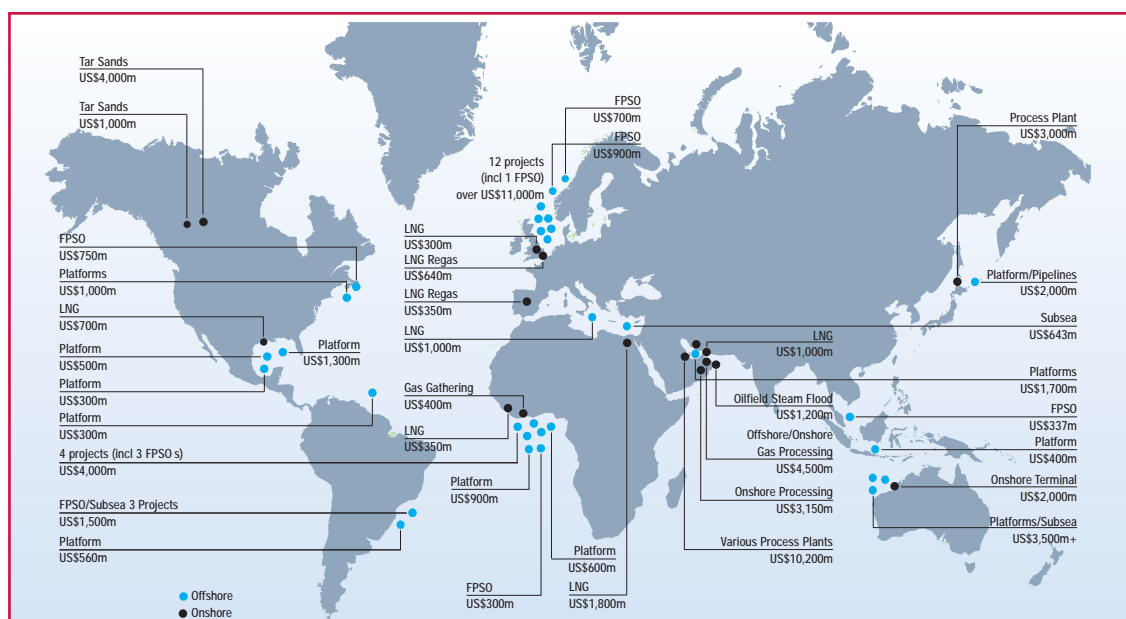
JLT Asia's strength lies in our global specialist teams combined with local service teams of reinsurance and retail resources. Our clients, who are involved in very large value investments in Asia, protect them through our comprehensive range of services. In addition, our strong global reputation in producing quality results in the Energy sector increases our credibility and negotiating strength.

Areas of Expertise

We provide a wide range of insurance and risk management services in the following areas:

Offshore	Onshore/Power	Heavy Industries
<ul style="list-style-type: none"> Oil and gas upstream Offshore construction Rig building / FPSOs Shipyards 	<ul style="list-style-type: none"> Oil and gas downstream Power Petrochemicals Renewables 	<ul style="list-style-type: none"> Mining Steel Pulp and Paper General Industrial Property Semiconductors TFT-LCD Telecommunications

Energy construction projects of value over US\$300m...



...over US\$100 billion placed in the last six years

JLT is a leading provider of project finance and lenders advisory.

Our Capabilities

Offshore Capabilities

JLT Asia has a distinguished track record in the customised design and placement of a wide range of offshore/onshore operational insurance & reinsurance programmes for international oil and gas companies and national oil companies. Specific experience includes:

- Control of wells
- Offshore property
- Offshore construction
- Offshore dismantling and removal
- Business Interruptions
- Third party liabilities

Oil, Gas and Petrochemicals Capabilities

At JLT Asia, we are committed to understanding our clients' risk profiles and insurance needs intimately and providing them with holistic solutions. In line with this spirit, we are organised to operate as a one-stop shop. Our onshore focus team works closely with the marine/offshore teams to place operational programmes in all areas of Oil, Gas, Petrochemicals, Power and Mining. Our expertise includes:

- Onshore field production, pipelines and gathering stations
- LNG liquefaction and re-gasification trains
- Import/export terminals
- Refinery/petrochemical plants
- Retail distribution networks

Power Capabilities

Our power experience includes placing the construction and operational insurance programmes for some of the world's largest single cycle, combined cycle, nuclear and hydro plants. We have a highly experienced team in Asia that understands the risks faced by power generators and distributors. In addition, the team has a wealth of knowledge built up through many years of dealing with major power insurance buyers. Our expertise encompasses:

- Renewables (hydro, geothermal, wind, biomass)
- Clean coal (FGD, CFB, DenOx)
- Advanced Gas Turbines (open cycle, combined cycle, cogens or trigens)
- Conventional Thermal Power (coal including mine-mouth plants, HFO & diesel oil)
- Nuclear or IGCC
- All major global OEMs, as well as emerging ones from China, South Korea and other developing nations.



JLT structured a flexible and highly rated reinsurance programme that achieved the cost and coverage efficiencies required.

Our Capabilities

Industry Risks Capabilities

JLT Asia has extensive experience handling exposures in a wide range of industry risks. We go beyond transactional services to provide consultative advice surrounding our placements. Our expertise covers:

- Real estate
- Mining
- Hotels
- Hi-tech
- Agri businesses
- Heavy industry (including steel and aluminium)
- Infrastructure (water, ports, roads and airports)

Mining

JLT has the expertise and experience to provide consultancy in every step of the mining process, from risk advisory during the crucial feasibility period through to insurance programme design and implementation, right up to mine closure. We work with all parties involved in the process – clients, suppliers, contractors, lenders, investors and customers – to design facilities and structures through which exposures can be most efficiently managed and, where appropriate, sold to and syndicated within the insurance market place. The JLT Mining industry team offers clients access to an extensive selection of products:

- Contract works
- Contractors' Plant and Equipment
- Marine Cargo
- Delay in Start-up/Advanced Loss of Profits
- Third Party and General Liability
- Workers' Compensation
- Professional Indemnity
- Terrorism
- Environmental Risks

Our experience includes placing the construction and operational insurance programmes for some of the world's largest single cycle, combined cycle, nuclear and hydro plants.

Wind Power Capabilities

We have 15 years of experience placing wind power-related risks. We are the binding authority for 11 syndicates accessed via the Windpro facility. For any single onshore or offshore project, we will be able to arrange up to US\$4.7 million in capacity. We provide products/services in the following areas:

- Transit
- Delay in Start Up
- Construction/Erection
- Advance Loss of Profits
- Operating All Risks
- All Machinery Breakdown
- Business Interruption
- General Liability
- Esoteric PTCs



Case Study

Regional energy company achieves cost and coverage efficiency

A major energy company with interests ranging from oil and gas to power generation decided to expand its operations in Asia through an aggressive acquisition programme. The client acquired diverse energy assets in Indonesia, Philippines, China, Korea and India.

In acquiring the assets the client also assumed the preexisting insurance arrangements in place for each business.

Much of the acquisitions were funded through non-recourse project finance where supporting financial institutions took a high degree of interest in the insurance protection arranged for individual assets.

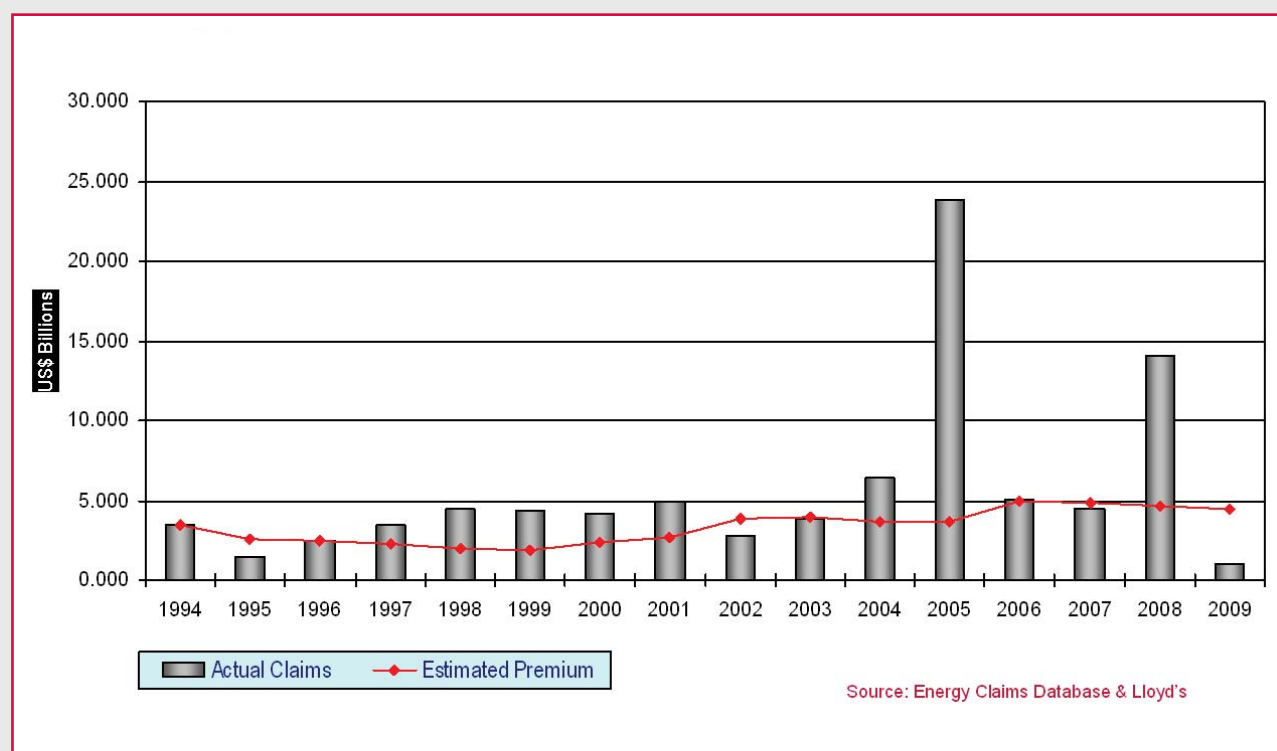
JLT suggested to the client a more efficient approach – to consolidate the various insurances into a single regional programme. However, in doing so, each country's particular risks and local requirements would need to be met. In addition, there was a need to protect the lenders' positions in each transaction.

JLT structured a flexible and highly rated reinsurance programme that achieved the cost and coverage efficiencies required and also met lenders' requirements through strong security and a broad form of lenders' clauses that were consistent with all their operating assets in Asia.

The end result was a comprehensive, cost-effective solution that happily married local requirements with a consistent approach to the insurance and risk management required for a multi-regional business.

Energy Market Review 1994 - 2009

Energy Losses 1994 - 2009 vs. Estimated Global Energy Premium (US\$) - Including Katrina, Rita and Ike (to date)



JLT Limited London - A Key Partner

The Energy & Industry Risks teams works closely with JLT Limited London to draw upon its relevant expertise in placing risks for clients. JLT Limited London is the largest energy broking team in the London market - it comprises 135 practitioners, with experience averaging over 22 years. Over the last six years, JLT Limited London has placed more than US\$100 billion in energy construction projects.

JLT Limited London' clients include upstream, downstream, power, construction, liabilities, terrorism and more general power risks. Our service is supported by strong relationships with all key global underwriting markets, both in Lloyds and among European insurance companies. Gross premium incomes into the onshore, offshore and casualty markets were in excess of US\$1.1 billion in 2007.

Our strength lies in our global specialist teams and local service teams of reinsurance and retail resources.



About JLT Asia

Jardine Lloyd Thompson (JLT) Asia is a market leader in insurance and reinsurance broking, risk management consultancy and employee benefits services.

Our operations in Asia date back to 1836. Today, JLT Asia is one of the most experienced brokers in Asia, with over 700 staff in 12 locations - China, Hong Kong, Indonesia, Japan, Korea, Malaysia, Macau, Philippines, Singapore, Taiwan, Thailand and Vietnam.

JLT Asia's technical abilities and expertise span a wide range of specialist areas:

- Affinity
- Aviation
- Captives
- Capital Risks
- Construction
- Employee Benefits
- Energy
- Interactive Technology Solutions
- Major Corporate Risks
- Marine (Cargo and Hull P&I)
- Professional & Executive Risks (ProEx)
- Property
- Reinsurance (Treaty and Facultative)
- Risk Management
- Small & Medium Enterprises (SME)
- Wealth Management

Our specialists are renowned for their innovative approach to developing integrated insurance, reinsurance and alternative risk transfer solutions.

Integrity is a hallmark of the JLT organisation. Our quality and compliance regimes are among the most thorough in the industry.

You can obtain more information about JLT Asia at: www.jltasia.com

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