

OPIS

A DOW JONES COMPANY



MANAGE CHANGE IN ASIA'S DYNAMIC ENERGY MARKETS

Buy and sell with confidence, worldwide



OPIS

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Product Summaries

ASIA NAPHTHA & LPG REPORT

combines regional news analysis with spot pricing for the connected markets of naphtha, LPG, gasoline and condensate.

GLOBAL LPG TICKER provides real-time LPG pricing for greater visibility into how global markets fit together.

ASIA JET FUEL & GASOIL REPORT offers expert analysis and benchmark spot prices to help manage hedging strategy and minimize risk.

WORLDWIDE JET FUEL REPORT delivers daily insight into market trends that enables airlines to purchase fuel at a competitive price.

APAC SOLAR WEEKLY provides reliable pricing and market news on solar materials production in the Asia-Pacific region.

CARBON MARKET REPORT assesses the largest compliance carbon markets in the world with transparent trade-day data.

AUSTRALIAN OIL MARKET PRICE REPORT publishes landed spot, Singapore spot, TGP and retail petrol and diesel prices and margins in Australia.

GLOBAL MARINE FUELS REPORT delivers daily price assessments for 0.5% VLSFO and high-sulfur bulk and bunker fuels in the most important ports around the world.

McCLOSKEY supplies detailed price indexes, independent news, robust analysis and strategic forecasting to the global coal, metals and mining industry.

CHEMICAL MARKET ANALYTICS provides unique access to price benchmarks, market forecasts and advisory services on more than 200 building-block chemicals.



Adapting to uncertainty and risk in Asia-Pacific energy markets demands price transparency and expert insight

Trade wars. Military conflicts. Governmental sanctions. IMO fuel mandates. COVID-19. OPEC output cuts. Energy transition. Global fuel markets face unprecedented disruption, with the Asia-Pacific region playing a central role.

OPIS, a Dow Jones company, provides the essential global perspective for players involved in key Asia-Pacific energy markets. We give you the pricing data and expert insight necessary for more strategic buy & sell decisions on energy commodities trading between this dynamic region and the rest of the world.

OPIS is a trusted price benchmark across international supply chains. We're listed as a settlement mechanism on global commodity exchanges and our pricing methodology complies with IOSCO (International Organization of Securities Commissions) principles. From oil, LPG and coal to solar panel materials and carbon credit offsets, we simplify complex markets, enabling stakeholders to adapt to a shifting geopolitical landscape.

ASIA NAPHTHA & LPG REPORT

A single source for accurate pricing assessments and critical news at major APAC hubs

A daily PDF report gives you a clear explanation of benchmark pricing for petrochemical feedstocks in the Asia-Pacific market. Act fast and inform short-term position plays with spot pricing for naphtha, LPG, gasoline and condensate.

What You Get:

- Spot differentials measure the value between refined products and predict changing price dynamics
- Charts and graphs reveal price trends at a glance
- Regional news reports on refinery disturbances, tender and shipping allow faster reaction to market shifts

OPIS Asia Naphtha and LPG Report
A Daily Report on Asia Naphtha, LPG and Gasoline Markets, plus News and Commentary

NAPHTHA

- East West spread widens, new shipping fixtures from Europe to Asia seen
- HTC buys HFRN for H1 Oct. arrival at a low teens premium to Japan spot assessments

LPG

- Sonatrach lowers Sept. CP prices after Aramco announcement
- China Gas completes construction of PDM plant in Takung
- Thailand July demand up 5.3% on-month

GASOLINE

- 92 RON crack slips to discount
- Southeast Asia demand softer amid economy slowdown
- IOCL seeks up to 32 kt of 95 RON for mid-September delivery

Market news headlines

- Japan's ENEDS Shuts Larger of Its Two Naphtha Crackers in Kawasaki
- Asian Naphtha Struggles Amid Sluggish Petrochemical and Gasoline Demand
- China Gas Completes Yanchang PDM Unit Construction... (see more from Page 8)

Key Prices (\$/mt)

30-DAYS JAPAN NAPHTHA SPREADS (\$)

16:30 SINGAPORE BRENT MARKER (\$/BBL)

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GLOBAL LPG TICKER

Real-time pricing for the international LPG market

China is driving LPG demand so the need for price transparency in the global LPG market is greater than ever. This real-time ticker lets you compare pricing in Asia with key hubs around the world including Mont Belvieu, Texas, a key export hub for propane, butane and ethane, where OPIS holds the official pricing benchmark.

OPIS Global LPG Ticker

Home | News | North America | LPG Report | Asia | LPG Report | Europe | LPG Report | MCL Forecasts Report | How to Use This Ticker

Futures

Product	Price	Change	Product	Price	Change	Product	Price	Change
80% S&B (Deliver)	12.8400	-4.4000	ICE Brent, L&M (Deliver)	79.3300	-0.2300	90% Reflux, L&M (Deliver)	2.7800	0.0000
Aug 2018	12.8400	-4.4000	Nov 2018	79.3300	-0.2300	Aug 2018	2.7800	0.0000
Sep 2018	12.8400	-4.4000	Dec 2018	79.3300	-0.2300	Sep 2018	2.7800	0.0000
Oct 2018	12.8400	-4.4000	Jan 2019	79.3300	-0.2300	Oct 2018	2.7800	0.0000

Physical

Product	Price	Change	Product	Price	Change
MT, Belvieu Non-TET Propane	14.0000	-2.0000	MT, Belvieu Ethane Non-TET Propane	1.0000	-0.0000
MT, Belvieu Non-TET Propane	14.0000	-2.0000	MT, Belvieu Ethane Non-TET Propane	1.0000	-0.0000

Global Prices

Product	Price	Change
ICE Brent, L&M (Deliver)	79.3300	-0.2300
90% Reflux, L&M (Deliver)	2.7800	0.0000

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How We Help:

- See pricing relative to Mt. Belvieu across a full trading day
- View live relationships among propane, butane and ethane in all spot markets
- Determine import/export cost-effectiveness with real-time arbitrage
- Convert LPG volumes with a single click



APAC SOLAR WEEKLY

The first and only IOSCO-compliant solar panel and polysilicon pricing

From upstream polysilicon, wafers and cells to downstream panel prices, stay on top of price trends and forward prices for solar materials with the first report to use an assessment methodology that follows IOSCO (International Organization of Securities Commissions) requirements for fair and transparent pricing. Receive a weekly PDF with polysilicon, wafer, cell and module price assessments, historical price data and expert insight to put it all in context.

What You Get:

- Spot and forward prices and key benchmarks for polysilicon, wafers, cells and panels
- Solar Modules Forward Curves, including FOB China, FOB Southeast Asia and DDP USA module prices
- Chinese Modules Marker: an index for FOB China modules price, the weighted average of multi and mono PERC panels, on an FOB China basis

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CARBON MARKET REPORT

Pricing data, benchmarks and insights on the global carbon market

As the world transitions to sustainable energy, OPIS remains at the forefront with comprehensive data and analytics on compliance and voluntary carbon markets across the globe. In a single daily report, you gain access to more than 100 carbon and emissions market assessments.

What You Get:

- Daily market commentary for the benchmark Carbon Emission Allowance (CEA) price settlement on the Shanghai Environment and Energy Exchange
- Extensive coverage of the most important developments in the APAC region's fast-growing carbon markets and climate programs
- Updates on programs and policies in such key countries as Australia, New Zealand, South Korea, China, Japan, Malaysia and Singapore, with analysis of their linkage to the international voluntary market

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OPIS AUSTRALIAN OIL MARKET PRICE REPORT

Full Coverage of Landed, TGP, and Retail Prices & Margins

Volume 3 - Issue 3

New Year Brings Cheaper Fuel Prices

So far 2020 has been kind to consumers and end-users wanting cheaper fuel prices. Following an initial step higher after the U.S. killed a top Iranian general, oil markets have turned much lower than most analysts expected. The decline comes despite a number of financial houses raising their Brent crude price forecasts, and fresh reports from the likes of OPEC and the International Energy Agency (IEA) pointing to statistics that do hint at a more balanced market this year.

Petrol prices out of Singapore are the lowest they have been since mid-November. And based upon end-of-the-week price momentum it looks as though all grades of petrol, even the high-octane fuels, will see Singapore prices below \$70/bbl. That has not happened since September.

Trading in Singapore put the 95 RON petrol grade below 63cts/litre, FOB, when converted to Australian currency from dollars per barrel. That price was 70cts/litre as recently as 6 January following the death of the Iranian general.

Petrol prices on a TGP and a net buying basis at wholesale are also declining across Australia. Average petrol net buying prices declined from a half cent to more than 2 cents, depending on wholesale terminal.

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AUSTRALIAN NATIONAL PRICING TRENDS

	14/01/20	15/01/20	14/01/20	13/01/20	10/01/20	7-Day Avg	7-Day Avg
ULP	Thur	Wed	Tues	Mon	Fri		
Singapore Spot	62.80	65.10	65.49	66.10	66.69	65.65	(2.81)
Landed Spot	122.92	122.63	123.41	124.16	125.05	123.93	(1.48)
TGP/DSL	136.64	137.58	138.08	138.35	138.37	137.99	
TGP/LS Margin	14.72	14.84	14.56	14.07	13.20		
Retail	156.28	157.31	157.63	155.64	151.96		
Retail/TGP Margin	22.80	22.99	22.69	20.41	16.74		
DSL							
Singapore Spot	68.95	69.80	69.51	71.46			
Landed Spot	127.25	128.21	129.56	130.71			
TGP/DSL	141.63	142.76	143.51	143.97			
TGP/LS Margin	14.22	14.39	13.78	13.10			
Retail	152.53	152.50	152.40	152.38			
Retail/TGP Margin	13.08	11.84	10.80	10.20			

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	Landed Singapore	+/- Pre-Period*
South Wales		
dney 16/01/20	128.83	(0.96)
dney 7-Day Avg	131.71	(2.23)
wcastle 16/01/20	127.93	(0.96)
wcastle 7-Day Avg	130.81	(2.15)
Western Territory		
dney 16/01/20	126.31	(0.96)

AUSTRALIAN OIL MARKET PRICE REPORT

A weekly overview of fuel pricing and margin trends in the Australian retail market

Use this report to estimate the cost of refined oil products, track average petrol and diesel prices and measure margins. Independent benchmarks empower you to negotiate better petrol and diesel prices with greater transparency into competitive market trends both in Australia and around world.

What You Get:

- Landed spot prices into Australian terminals for benchmarking
- FOB spot Singapore prices highlight foundational dynamics
- Retail station prices and supplier-specific wholesale prices by product and brand

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GLOBAL MARINE FUELS

Monitor key bunker fuel prices and global shipping markets in today's evolving IMO world

VLFSO (very low sulfur fuel oil) supply is a primary concern for Asian refiners due to the IMO (International Maritime Organization) mandate for cleaner fuel. This report provides daily price benchmarks to help negotiate cost-effective and compliant contracts. Ship owners and other players learn the true transactional value of bulk and bunker fuels at the port.

What You Get:

- Daily assessed price for 0.5% VLFSO plus key marine fuel prices in major ports of Asia, Europe and the Americas
- The only report to combine global coverage of marine fuel prices with benchmarked diesel rack and spot prices, swaps and curbs for smart hedging
- Full-day assessments that give you maximum transparency and reliability

OPIS Global Marine Fuels Report

Key Marine Fuel Prices, News and Commentary for Asia, Europe and the Americas

ASIA

- Bharat Petroleum Corporation offers VLSFO and HSFO cargoes
- Pertamina sells low sulfur marine fuel to Singapore-based trader
- SL Harbor in the Philippines seeks HSFO for bunkering requirements

SINGAPORE BUNKERS (\$/mt delivered)

PRODUCT	LOW	HIGH	MEAN	CHANGE
LSMGO	1081.75	1082.25	1082.000	-6.000
0.5% VLSFO	700.75	701.25	701.000	-14.000
HS 380 CST	389.75	390.25	390.000	-6.000

EUROPE

- European HI-5 spread narrows
- VLFSO bunker prices follow Brent downwards
- Bunker demand is poor in ARA region

ROTTERDAM BUNKERS (\$/mt delivered)

PRODUCT	LOW	HIGH	MEAN	CHANGE
DMA	1062.00	1066.00	1064.000	9.000
0.5% VLSFO	629.00	633.00	631.000	-18.000
HS 380 CST	388.00	388.00	388.000	-1.000

AMERICAS

- American bunker prices begin week down with energy complex
- HSC saw stoppage over weekend due to weather
- Houston bunker activity off to slow pace at start of week

HOUSTON BUNKERS (\$/mt ex-warehouse)

PRODUCT	BASIS DIFF*	LOW	HIGH	MEAN	CHANGE
LSMGO	---	1140.00	1150.00	1145.000	0.000
0.5% VLSFO	-652.33	633.00	664.00	655.000	0.000
HS 380 CST	---	395.00	399.00	397.000	-4.000

0.5% Very Low Sulfur Fuel Oil (\$/mt)

Region	Price
New York Bunker	643.250
London Bunker	652.000
Amsterdam Bunker	632.000
Rotterdam Bunker	633.000
Houston Bunker	633.000

HOUSTON BUNKERS (\$/mt ex-warehouse)

PRODUCT	BASIS DIFF*	LOW	HIGH	MEAN	CHANGE
LSMGO	---	---	---	1140.00	---
0.5% VLSFO	-652.33	---	---	657.00	---
HS 380 CST	---	---	---	397.00	---

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OPIS, a Dow Jones company, provides price transparency across the global fuel supply chain, enabling stakeholders to buy and sell energy commodities with confidence.

We do this via multi-platform access to accurate data, real-time news, powerful software and educational events. OPIS brands include Chemical Market Analytics, PetroChem Wire, McCloskey and Axxis.

Our commitment to reliability is reinforced by personalized customer service and constant innovation. OPIS listens to what energy stakeholders need and responds with flexible and easy-to-use products. Navigating world fuel markets is complex – OPIS makes it simpler.

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