

Weekly Price Update
17-Sep-2022

IENERGY NATURAL RESOURCES LIMITED

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US Coal | Indonesian Coal | South African Coal | Petcoke | Coking Coal | Screened Coal | Met Coke



INTERNATIONAL COAL PRICE

STABILITY IN FUTURE: CORRECTION SPOT

Few trades for future cargo have supported API2, Coal price delivered to ARA, during this week. There are several factors that have affected spot price in Europe mainly, stock at ARA has been reported at reasonable level and there is hope for Russia to increase supply gas in near future.



Refineries around the world have been running at maximum capacity, which leads to good amount of Petcoke. Availability of Fuel grade Petcoke has improved and Cement manufacturer are moving toward petcoke due to price competitiveness. Strong supply of petcoke and low demand from European market, API2 September contract closed at \$ 332.50 (Down by \$6 WoW) with steep decline in the price. The contract took downturn by approx. \$ 50 in last 10 days. The contract was closed to \$ 338 last week. September 2022 contract hit a high of \$ 404 on 24th Aug 2022.

October contract for API 2 has also sawn a huge downward in last 10 days, majorly due to poor demand and high level of stock at ARA. After correction in 1st week of Aug 2022, market gained a lot during rest of Aug 2022. But starting of Sep 2022, demand has started getting softening.

Additional to screen trade, we have seen very few inquiries for physical stock too. On screen, based on data publicly available, October contract closed at \$ 303 in last Friday, down by \$ 16 WoW. The contract was closed at \$ 339 last week. October 2022 contract hit a high of \$ 396 on 22nd Aug 2022 and a low at \$ 92 on 31st Dec 2022.





WEAK DEMAND: Further correction in South African Coal Prices (API4)

The future price for the coal exported from South Africa's Richards bay was also closed very weak in 3rd week of Sep 2022. Sep 2022 contract was closed at 299.35, corrected by \$ 18 on WoW.





There is weak demand from Indian market for SA coal, mainly due to competition from Russian coal. Russian miners/suppliers are able to cater Indian sponge iron market with low VM & High FC coal. Traditionally, Sponge Iron industry were using SA coal but they have started exploring other option due to high price of SA coal and price correction in steel.

Fuel grade Petcoke from Venezuela have also affected a price and sentiment of Coal price from South Africa. As per data we have collected, Venezuela is ready with more than a million tons of Fuel Grade petcoke for Export. They mainly targeting big market like China and India, additional to their regular markets i.e. Netherlands

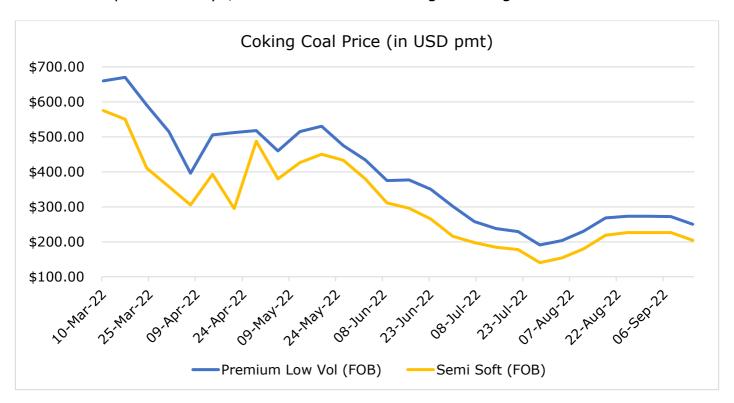
Last week the Sep 2022 contract was closed at \$ 317. September 2022 contract has touched above \$ 374 on 8th Mar 2022 and low at \$ 93 on 3rd Jan 2022.

COKING COAL

FOB Australia price for premium low vol again started falling after staying stable for the three weeks. Steel output is not improving and growth rate remains at negative in china and other market. There is an only support from Indian steel mill for Coking Coal price since, steel production is growing only in India.

There are lot of spot cargos of coking coal is available and to liquidate those cargos, suppliers have started correction in prices. The price has been dropped by \$20 in this week and was reported at approx. \$250/mt and it is below thermal coal price (6000 NAR Coal from NewC).

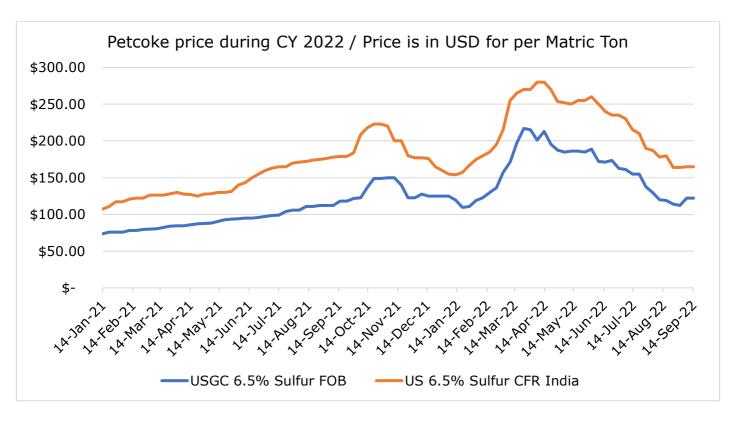
Semi soft coking coal has also followed the same trend. Price of SSCC has been quoted at USD 204 pmt down by \$ 20 WoW after remaining unchanged in last three weeks.





PETCOKE

Indian domestic refineries have lowered price by USD 35-40 pmt for their supplies during 2022 and price with effect from $1^{\rm st}$ September 2022. This has pulled the imported price too. Price has come down drastically in last few weeks but remains stable during last week. Petcoke price has corrected by 22 USD in last 5 weeks and correctly being assessed at USD 165-170 CFR India.





WEEKLY AVG INTERNATIONAL PRICE

				Price pmt				
17-Sep- 22	10-Sep- 22	Change	17-Aug- 22	Change	17-Sep- 21	Change	52 Week High	52 Week Low
			FOB Richa	rds Bay				
\$ 100.00	\$ 100.00	0.00 %	\$ 135.00	(25.93)%	\$ 98.00	2.04 %	\$ 320.00	\$ 73.00
\$ 200.00	\$ 210.00	(4.76)%	\$ 228.00	(12.28)%	\$ 127.00	57.48 %	\$ 385.00	\$ 100.0
\$ 275.00	\$ 300.00	(8.33)%	\$ 330.00	(16.67)%	\$ 159.00	72.96 %	\$ 420.00	\$ 124.0
			FOB New	castle				
\$ 185.00	\$ 195.00	(5.13)%	\$ 200.00	(7.50)%	\$ 108.00	71.30 %	\$ 280.00	\$ 93.0
\$ 435.00	\$ 440.00	(1.14)%	\$ 420.00	3.57 %	\$ 175.00	148.57%	\$ 440.00	\$ 152.0
			FOB Indo	nesia	1	1	1	•
\$ 265.00	\$ 260.00	1.92 %	\$ 245.00	8.16 %	\$ 150.00	76.67 %	\$ 308.00	\$ 145.0
\$ 175.00	\$ 172.00	1.74 %	\$ 162.00	8.02 %	\$ 142.00	23.24 %	\$ 220.00	\$ 120.0
\$ 126.00	\$ 120.00	5.00 %	\$ 103.00	22.33 %	\$ 120.00	5.00 %	\$ 210.00	\$ 93.0
\$ 89.00	\$ 83.00	7.23 %	\$ 74.00	20.27 %	\$ 85.00	4.71 %	\$ 155.00	\$ 58.0
			CFR (SA	Coal)	I		I	ı
\$ 120.00	\$ 121.00	(0.83)%	\$ 156.00	(23.08)%	\$ 128.00	(6.25)%	\$ 343.00	\$ 99.0
\$ 220.00	\$ 231.00	(4.76)%	\$ 249.00	(11.65)%	\$ 157.00	40.13 %	\$ 408.00	\$ 122.0
\$ 295.00	\$ 321.00	(8.10)%	\$ 351.00	(15.95)%	\$ 189.00	56.08 %	\$ 443.00	\$ 146.0
			CFR (Aus	Coal)				
\$ 205.00	\$ 215.00	(4.65)%	\$ 220.00	(6.82)%	\$ 140.00	46.43 %	\$ 302.50	\$ 116.0
\$ 455.00	\$ 460.00	(1.09)%	\$ 440.00	3.41 %	\$ 207.00	119.81%	\$ 460.00	\$ 172.0
			CFR (Indone	esia Coal)				
\$ 282.00	\$ 277.50	1.62 %	\$ 263.00	7.22 %	\$ 175.00	61.14 %	\$ 333.00	\$ 165.0
\$ 192.00	\$ 189.50	1.32 %	\$ 180.00	6.67 %	\$ 167.00	14.97 %	\$ 245.00	\$ 138.0
\$ 143.00	\$ 137.50	4.00 %	\$ 121.00	18.18 %	\$ 145.00	(1.38)%	\$ 235.00	\$ 111.0
\$ 106.00	\$ 100.50	5.47 %	\$ 92.00	15.22 %	\$ 110.00	(3.64)%	\$ 180.00	\$ 75.0
			CFR (Rus	Coal)				
\$ 160.00	\$ 155.00	3.23 %	\$ 170.00	(5.88)%			\$ 250.00	\$ 155.0
\$ 182.00	\$ 175.00	4.00 %	\$ 191.00	(4.71)%			\$ 300.00	\$ 175.0
			CFR (USA	Coal)				l
\$ 270.00	\$ 270.00	0.00 %	\$ 300.00	(10.00)%	\$ 175.00	54.29 %	\$ 310.00	\$ 170.0
			USGC Pe	tcoke	<u> </u>	<u> </u>	<u> </u>	1
\$ 173.00	\$ 165.00	4.85 %	\$ 185.00	(6.49)%	\$ 179.00	(3.35)%	\$ 290.00	\$ 154.0
			Saudi Pe	tcoke	1	1	1	1
\$ 165.00	\$ 160.00	3.13 %	\$ 180.00	(8.33)%	\$ 176.00	(6.25)%	\$ 280.00	\$ 135.0
	\$ 100.00 \$ 200.00 \$ 275.00 \$ 185.00 \$ 185.00 \$ 175.00 \$ 126.00 \$ 120.00 \$ 220.00 \$ 220.00 \$ 295.00 \$ 295.00 \$ 143.00 \$ 160.00 \$ 160.00 \$ 173.00	\$ 100.00 \$ 100.00 \$ 200.00 \$ 210.00 \$ 275.00 \$ 300.00 \$ 440.00 \$ 435.00 \$ 172.00 \$ 120.00 \$ 120.00 \$ 120.00 \$ 89.00 \$ 121.00 \$ 220.00 \$ 321.00 \$ 295.00 \$ 321.00 \$ 455.00 \$ 460.00 \$ 143.00 \$ 143.00 \$ 143.00 \$ 137.50 \$ 106.00 \$ 175.00 \$ 143.00 \$ 137.50 \$ 106.00 \$ 175.0	\$ 100.00 \$ 100.00 0.00 % \$ 200.00 \$ 210.00 (4.76)% \$ 275.00 \$ 300.00 (8.33)% \$ 185.00 \$ 195.00 (5.13)% \$ 435.00 \$ 440.00 (1.14)% \$ 265.00 \$ 172.00 \$ 1.74 % \$ 126.00 \$ 120.00 \$ 5.00 % \$ 89.00 \$ 83.00 7.23 % \$ 120.00 \$ 231.00 (4.76)% \$ 220.00 \$ 321.00 (4.76)% \$ 295.00 \$ 321.00 (4.65)% \$ 455.00 \$ 460.00 (1.09)% \$ 192.00 \$ 189.50 1.32 % \$ 192.00 \$ 189.50 1.32 % \$ 143.00 \$ 137.50 4.00 % \$ 160.00 \$ 175.00 4.00 % \$ 182.00 \$ 175.00 4.00 % \$ 182.00 \$ 175.00 4.00 % \$ 182.00 \$ 175.00 4.00 % \$ 175.00 4.00 % \$ 175.00 4.00 % \$ 175.00 4.00 % \$ 175.00 4.00 % \$ 175.00 4.00 % \$ 175.00 4.00 % \$ 175.00 4.00 % \$ 175.00 4.00 % \$ 175.00 4.85 % \$ 173.00 \$ 165.00 4.85 %	### FOB Richa ### FOB Richa ### FOB Richa ### \$100.00	Total	\$100.00 \$100.00 0.00 % \$135.00 (25.93)% \$98.00 \$200.00 \$210.00 (4.76)% \$228.00 (12.28)% \$127.00 \$275.00 \$300.00 (8.33)% \$330.00 (16.67)% \$159.00 \$185.00 \$195.00 (5.13)% \$200.00 (7.50)% \$108.00 \$435.00 \$440.00 (1.14)% \$420.00 3.57 % \$175.00 \$265.00 \$260.00 1.92 % \$245.00 8.02 % \$142.00 \$175.00 \$172.00 1.74 % \$162.00 8.02 % \$142.00 \$126.00 \$120.00 5.00 % \$103.00 22.33 % \$120.00 \$89.00 \$83.00 7.23 % \$74.00 20.27 % \$85.00 \$120.00 \$121.00 (0.83)% \$156.00 (23.08)% \$128.00 \$295.00 \$231.00 (4.76)% \$249.00 (11.65)% \$157.00 \$205.00 \$215.00 (4.65)% \$220.00 (6.82)% \$140.00 \$455.00 \$460.00 (1.09)% \$440.00 3.41 % \$207.00 \$120.00 \$189.50 1.32 % \$180.00 6.67 % \$167.00 \$143.00 \$137.50 4.00 % \$121.00 18.18 % \$145.00 \$160.00 \$155.00 3.23 % \$170.00 (5.88)% \$160.00 \$155.00 4.00 % \$121.00 (1.00)% \$175.00 \$170.00 \$175.00 4.00 % \$121.00 (1.00)% \$175.00 \$170.00 \$175.00 4.00 % \$121.00 (1.00)% \$175.00 \$175.00 \$175.00 4.00 % \$121.00 (4.71)%	Section Sect	10

DOMESTIC COAL PRICE





International price of coal and FOB Indonesia price have impacted on Indian market a lot in last 2 weeks. Indian retail market has increase price during this week, but not in line with international price. Demand is still weak and expected to grow in next 2-3 weeks. Indian small industry will start restocking after monsoon and also need additional stock for festival season in end October.

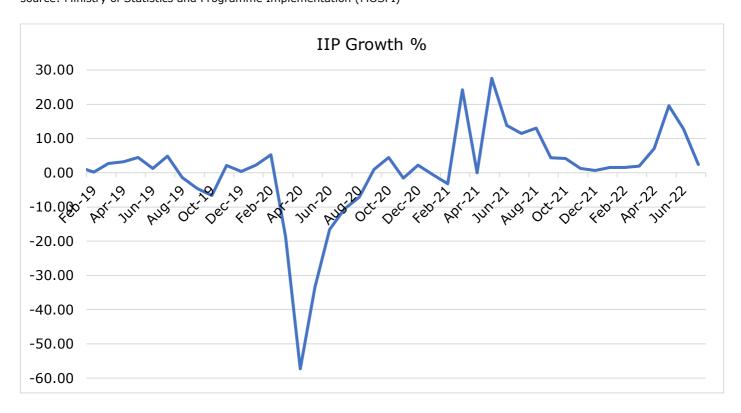
Cuada			Price pmt / 00-50 MM / Ex-Plot Port								
Grade		17-Sep-22		10-Sep-22	Change		18-Aug-22	Change			
	•	US Ori	gin (Coal from Tuna	/ Kandla	(W	CI)				
NAPP	₹	21,600.00	₹	21,000.00	2.86 %	₹	21,100.00	2.37 %			
ILB	₹	19,100.00	₹	19,000.00	0.53 %	₹	19,000.00	0.53 %			
		Indonesiar	ı Ori	gin Coal from	Tuna / Kar	ndl	a (WCI)				
5000 GAR	₹	11,400.00	₹	11,400.00	0.00 %	₹	11,200.00	1.79 %			
4200 GAR	₹	9,100.00	₹	9,100.00	0.00 %	₹	9,000.00	1.11 %			
3800 GAR	₹	8,300.00	₹	8,300.00	0.00 %	₹	7,500.00	10.67 %			
3400 GAR	₹	7,000.00	₹	6,900.00	1.45 %	₹	6,300.00	11.11 %			
		Indones	ian (Origin Coal fro	m Navlakh	ni (WCI)				
5000 GAR	₹	11,500.00	₹	11,500.00	0.00 %	₹	11,100.00	3.60 %			
4200 GAR	₹	9,400.00	₹	9,200.00	2.17 %	₹	9,000.00	4.44 %			
3800 GAR	₹	8,300.00	₹	8,300.00	0.00 %	₹	7,700.00	7.79 %			
3400 GAR	₹	7,100.00	₹	7,000.00	1.43 %	₹	6,300.00	12.70 %			
		Sout	h Afı	rican coal from	Kandla (\	NC	I)				
5500 NAR	₹	17,500.00	₹	17,500.00	0.00 %	₹	18,500.00	(5.41)%			
	•	R	ussia	n coal from Ka	andla (WC	I)					
6000 NAR	₹	15,700.00	₹	15,700.00	0.00 %	₹	16,000.00	(1.88)%			
	•				•						
Grade /	ade / Price pmt / Screened Plant / Ex-Plot Screening Plant										
Sized		17-Sep-22		10-Sep-22	Change		18-Aug-22	Change			
	•		•	3400 GAF	2						
00 - 06 MM	₹	6,600.00	₹	6,500.00	1.54 %	₹	6,800.00	(2.94)%			
06 - 20 MM	₹	8,700.00	₹	8,500.00	2.35 %	₹	8,400.00	3.57 %			
20 - 50 MM	₹	9,000.00	₹	9,000.00	0.00 %	₹	8,800.00	2.27 %			
	•			4200 GAF	2						
00 - 06 MM	₹	8,500.00	₹	8,500.00	0.00 %	₹	9,500.00	(10.53)%			
06 - 20 MM	₹	10,200.00	₹	10,000.00	2.00 %	₹	10,000.00	2.00 %			
20 - 50 MM	₹	10,400.00	₹	10,300.00	0.97 %		10,200.00	1.96 %			
	•		•	5000 GAF	₹			•			
00 - 06 MM	₹	9,000.00	₹	8,800.00	2.27 %	₹	8,700.00	3.45 %			
06 - 20 MM	₹	14,700.00	₹	14,500.00	1.38 %		14,400.00	2.08 %			
20 - 50 MM	₹	15,000.00	₹	14,800.00	1.35 %	₹	14,700.00	2.04 %			

ECONOMY UPDATE





Industrial production in India advanced by 2.4 percent year-on-year in July of 2022, following an upwardly revised 12.7 percent rise in the previous month and missing market expectations of a 4.3 percent growth. It was the weakest increase in industrial activity since March, as mining output declined (-3.3 percent vs 7.8 percent in June). Meanwhile, production slowed for manufacturing (3.2 percent vs 12.9 percent) and electricity (2.3 percent vs 16.4 percent). On a monthly basis, industrial output fell by 2.7 percent, after an upwardly revised 0.5 percent rise in the previous month. source: Ministry of Statistics and Programme Implementation (MOSPI)



In India, industrial production measures the output of businesses integrated in industrial sector of the economy. Manufacturing is the most important sector and accounts for 78 percent of total production. The biggest segments within Manufacturing are: basic metals (13 percent of total production); coke and refined petroleum products (12 percent); chemicals and chemical products (8 percent); food products (5 percent); pharmaceuticals, medicinal chemical and botanical products (5 percent); motor vehicles, trailers and semi-trailers (5 percent); machinery and equipment (5 percent); other non-metallic mineral products (4 percent); and textiles, electrical equipment and fabricated metal products (3 percent each). Mining accounts for 14 percent of total output; and electricity accounts for 8 percent.

ECONOMY UPDATE

WPI: WHOLESALE PRICE INFLATION



Prices for primary food articles harden, even as other segments report milder inflation

India's wholesale price inflation dropped to the lowest rate since September 2021 at 12.41% in August, from 13.93% in July, with the food segment being the only one to report higher inflation during the month at 9.93%, rebounding from a three-month low of 9.41% in July.

August's wholesale inflation is the lowest in eleven months but marks the seventeenth month in a row that it has been over 10%. Manufactured products inflation dropped to 7.5%, while fuel and power inflation corrected from 43.75% in July to 33.67%. Primary article's inflation fell slightly from 15.04% in July to 14.93% in August.

Within food items, primary food inflation rose to 12.4% in August from 10.8% in July, led by a broad-based month-on-month uptick across cereals, pulses, vegetables, fruits, condiments and spices and other food articles, rating agency ICRA said in a note.

The price rise in vegetables increased to 22.3% in August from 18.3% in July and higher wheat and rice prices pushed cereals inflation to 11.8% from 9.8%. Fruits recorded inflation of 31.7% and eggs, meat and fish inflation moved up to 7.9% from 5.5% a month earlier, while spice inflation accelerated to 23.5% from 21.9%.

On the other hand, manufactured food products inflation eased to 5.6% from 7.2% in July, led by a sharp sequential dip in the edible oil prices in August.



"Wholesale inflation eased for a third straight month in August with an increase in food inflation offset by easing of other commodity prices including crude oil," said Rajani Sinha, chief economist of CARE Ratings.

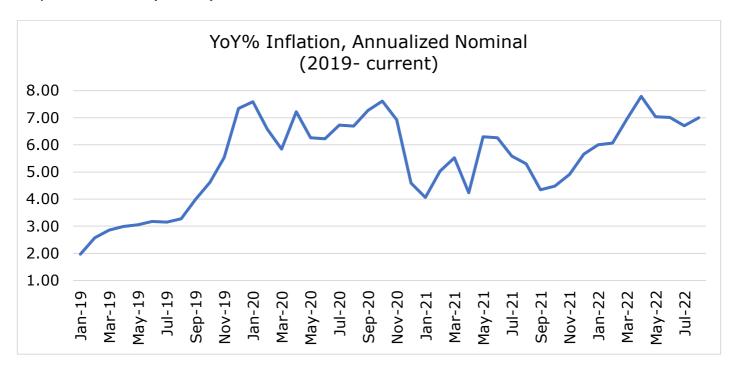
The wholesale inflation rate for June 2022 has been revised to 16.23% from 15.18% estimated earlier by the Office of the Economic Advisor, Ministry of Commerce and Industry. Earlier, the inflation rate for May was similarly revised upward to 16.63%, a record high.

ECONOMY UPDATE

CPI: CONSUMER PRICE INFLATION



Snapping out of its three-month downward trend, the country's retail inflation, which is measured by the Consumer Price Index (CPI), spiked to 7.00 per cent in August, up from 6.71 per cent in July data released by the Ministry of Statistics & Programme Implementation (MoSPI).



With a 7.00 per cent rise last month, the CPI continued to remain above the Reserve Bank of India's (RBI) upper margin of 6 per cent for the eighth consecutive month. The government has mandated the central bank to maintain retail inflation at 4 per cent with a margin of 2 per cent on either side for a five-year period ending March 2026.

The CPI is primarily factored in by the RBI while preparing their bi-monthly monetary policy. The Monetary Policy Committee (MPC) of the Indian central bank had last month hiked the repo rate by 50 basis points (bps) to 5.40 per cent. The MPC has raised the key interest rate by 140 bps so far in this financial year in a bid to check the raging inflation. However, despite their move, retail inflation continues to remain above the upper tolerance level. The MPC is scheduled to meet later this month to take further steps to tackle inflation

Prices of vegetables rose 13.23 per cent on year in August. Apart from this, the spices saw a rise of 14.90 per cent while that cereals and products gained 9.57 per cent and milk and products rose 6.39 per cent. Egg prices slipped (-)4.57 per cent but fruits grew 7.39 per cent.

Apart from food and beverages, the fuel and light segment rose 10.78 per cent, clothing and footwear gained 9.91 per cent and the housing segment inched up 4.06 per cent.



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