

# GERAB

## BULLETIN

Weekly News



### COMMODITY UPDATES

- Potential supply additions from Iran, Venezuela and the United Arab Emirates while fighting escalated in Ukraine, Brent was on track for a weekly fall of 5.2% after hitting a 14-year high of \$139.13 on Monday. U.S. crude was headed for a drop of 6.6% after touching a high of \$130.50 on Monday. Crude oil Brent gained 56% 3MTD and Crude oil WTI gained 59% 3MTD. Source-Reuters
- Steel HRC (N. America) prices are in downtrend and trading lower by 45% 6MTD but steel scrap gained over the week by 30% WTD and is trading higher by 34% than a year ago prices. Iron ore prices have been on the rise and trading higher by 36% 3MTD but is still trading lower by 10% than a year ago prices.
- Nickel prices jumped sharply and was up by 95% WTD. Coal prices also showing strength and trading higher by 132% 3MTD and is higher by 340% than a year ago.

COMMODITY	UOM	Latest Price	WTD %	MTD %	3MTD %	6MTD %	YTD %
Chromium	USD/MT	10,328.95	0.05	0.86	-3.74	5.61	40.65
Coal	USD/MT	421.61	53.97	62.07	132.44	107.60	340.43
Cobalt	USD/MT	78,581.57	3.45	3.23	9.45	48.47	49.77
Copper	USD/MT	10,267.80	2.94	3.85	7.78	9.89	13.88
Crude Oil	USD/BBL	115.38	23.65	23.59	56.65	57.96	79.73
Crude Oil Brent	USD/BBL	116.94	15.69	23.73	55.76	56.57	77.57
Crude Oil WTI	USD/BBL	113.81	3.82	23.46	58.53	59.81	82.01
Iron Ore	USD/MT	150.69	13.54	4.42	35.85	17.89	-10.80
Molybdenum	USD/MT	41,903.82	1.48	-0.01	2.25	-3.78	57.54
Natural Gas	USD/MCF	4.88	-1.34	3.42	21.89	-6.54	79.16
Nickel	USD/MT	32,310.60	94.86	37.44	62.69	67.33	95.42
Steel HRC (FOB China)	USD/MT	868.33	12.54	8.90	13.27	-4.70	21.61
Steel HRC (N. America)	USD/MT	1,181.13	-0.18	-7.09	-34.11	-44.89	-16.21
Steel Rebar	USD/MT	864.13	7.69	3.31	11.36	-9.48	9.05
Steel Scrap	USD/MT	623.00	30.15	23.17	37.24	38.35	34.05

Source: Investing.com / Trading Economics / London Metal Exchange / MarketIndex.com.au / OilPrice.com

### CRUDE OIL STOCK

Region	Unit	Latest Count	WTD %	MTD %	3MTD %	6MTD %	YTD %
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US Stocks of Crude Oil & Petroleum Products	Thousand Barrels	17,24,594.00	-0.61	-0.61	-3.57	-6.86	-10.55
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Source: US Energy Information Authority

CURRENCY EXCHANGE RATE									
Code	Description	Country	Units	Latest Exchange Rates	WTD%	MTD%	3MTD%	6MTD%	YTD%
EURUSD	1 EUR to USD	Euro Area	USD	1.1057	-0.08	-3.13	-2.30	-6.38	-7.28
USDCNY	1 USD to CNY	China	CNY	6.3248	-0.04	0.58	0.80	1.83	2.68

Source- Trading Economics

Source- Trading Economics / Wall Street Journal / CNBC

STOCK PRICES							
Name	Latest Value	Units	WTD%	MTD%	3MTD%	6MTD%	YTD%
ArcelorMittal SA	29.30	USD	-9.02	-11.73	0.26	-10.25	17.93
Glencore PLC	470.10	GBP	-1.34	11.65	27.78	39.91	65.91
NYSE American Steel Index	1,830.73	Index	-4.05	5.26	19.56	6.25	21.13
Rio Tinto PLC	5,817.00	GBP	-5.09	0.17	22.36	10.51	2.97
Tenaris SA	26.58	USD	0.00	1.14	30.04	36.24	13.59
Tubacex SA	1.65	EUR	-0.60	-7.30	4.70	12.24	3.90

## INTERNATIONAL RIG COUNTS

- Rig counts across all regions declined over a month.

ACTIVE RIG COUNTS BY REGION							
Region	Latest Count	WTD %	MTD %	3MTD %	6MTD %	YTD %	
United Arab Emirates	34	*	-10.53	-20.93	-8.11	-22.73	
GCC	187	*	-1.58	2.19	6.86	-3.11	
Middle East	287	*	-0.69	3.99	9.96	10.38	
Africa	75	*	-6.25	-3.85	10.29	44.23	
Asia-Pacific	179	*	-2.72	-1.10	-2.19	18.54	
Europe	94	*	-8.74	-4.08	-1.05	10.59	
Latin America	152	*	-3.18	-1.30	10.95	21.60	
North America	865	-0.80	-0.80	27.96	27.02	74.04	
Total	1,652	*	-1.96	12.92	15.93	41.20	

Source- Baker Hughes

(\*) No weekly data available for those particular regions

## NEWS OF THE WEEK

### GULF COOPERATION COUNCIL ( GCC)

UAE	<ul style="list-style-type: none"> <li><b>RobtStone awarded \$227m Contract from ADNOC</b> Abu Dhabi National Oil Company (ADNOC) announced in a statement that it has awarded a contract for enhanced oil recovery (EOR) that will see first-of-its-kind technology deployed at Abu Dhabi's giant Bab field. The construction contract, awarded to RobtStone (ME) LLC. The</li> </ul>
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value of the Contract is \$227 million (AED834 million). Designed by ADNOC, the technology will use advanced polymers and CO2 captured from our Carbon Capture Utilization and Storage (CCUS) facility, Al Reyadah, to boost recoverable reserves up to 70% while unlocking additional barrels of Murban crude. The project marks another step towards boosting oil production capacity to 5 million barrels per day by 2030. - **7<sup>th</sup> March 2022**

- **OEM, Sigma Secure Major Maintenance Contract in Abu Dhabi**

Leading oilfield service company OEM Group, and its regional partner, Abu Dhabi-based Sigma Engineering Works (SEW), have together secured a major contract from its second seven-figure contract with the largest oil and gas producer in the UAE, thus bolstering its track record in the Middle East market. - **4<sup>th</sup> March 2022**

- **EWEC issues RFP for Shuweihat S4 Independent Water Project**

EWEC issues RFP for Shuweihat S4 Independent Water Project EWEC (Emirates Water and Electricity Company) UAE, announced that it has issued the Request for Proposals (RFP) to qualified companies and consortiums that had expressed interest in developing the new Shuweihat S4 Reverse Osmosis (RO) Independent Water Project (IWP). The Shuweihat S4 project will desalinate seawater using RO, a low carbon-intensity technology, to supply up to 318,225 cubic metres per day of potable water, improving the security of water supply predominantly in the Al Dhafra region of the Emirate of Abu Dhabi. In addition, the plant will play a key role in ongoing cost reduction initiatives in the sector using competitive and efficient RO water desalination technology, in line with EWEC's wider strategic initiative of decoupling Abu Dhabi's power and water generation capacity. Othman. The Shuweihat S4 RO project will be located adjacent to the existing Shuweihat S3 IPP Project, within the Shuweihat power and water complex, which is approximately 250km west of the city of Abu Dhab - **3rd March 2022**

- **ADNOC Awards \$1.94bn Framework Agreements to Boost Drilling Activity**

Abu Dhabi National Oil Company (ADNOC) announced, framework agreement awards valued at \$1.94 billion (AED 7.1 billion) to enable drilling growth. The awards build on ADNOC's recent record investments in drilling-related equipment and services and support its strategy to boost crude oil production capacity to 5 million barrels per day (mmbpd) by 2030 and drive gas self-sufficiency for the United Arab Emirates (UAE). The framework agreement awards cover ADNOC's onshore and offshore fields and will run for five years with an option for a further two years. Furthermore, skilled employment opportunities will be created for UAE Nationals by the successful companies who will also work to identify local manufacturing opportunities. - **8<sup>th</sup> March 2022**

- **ADNOC, Proman partner for 1.8 million tonnes methanol facility**

The proposed partnership will capitalize upon ADNOC's attractive value proposition for downstream petrochemicals. ADNOC, Abu Dhabi National Oil Company signed an agreement with Proman, world's leading producers of methanol, to develop the UAE's first world-scale methanol production facility at the TA'ZIZ Industrial Chemicals Zone in Ruwais Under the terms of the agreement, Abu Dhabi Chemicals Derivatives Company RSC Ltd. ("TA'ZIZ") and Proman will construct a natural gas to methanol facility with an anticipated annual capacity of up to 1.8 million tonnes per annum. - **7<sup>th</sup> March 2022**

- **Sharjah RTA - Shifting of the Existing Gas Pipelines at Emirates Road**

The Government of Sharjah Roads and Transport Authority (Sharjah RTA) is undertaking the shifting of the existing gas pipelines at Emirates Road in Sharjah, UAE. The project Includes Laying of pipelines,2. Construction of pump stations,3. Construction of control stations,4. Installation of the safety system,5. Associated facilities. Contract Value \$24 m Award Date December 2021 - **9<sup>th</sup> March 2022**

	<ul style="list-style-type: none"> <li>• <b><u>Abu Dhabi: Engineering giants in battle for prized Adnoc LNG export terminal contract – Upstream Online</u></b> The emirati giant plans to construct up to 10 million tonnes per annum liquefaction facility at Fujairah Upstream is part of NHST Media group. -<b>3<sup>rd</sup> March 2022</b></li> </ul>
OMAN	<ul style="list-style-type: none"> <li>• <b>Partnership for Development of Green Ammonia Plant in Oman</b> Scatec ASA has announced that is teaming up with ACME Group, to establish a 50:50 joint venture to design, develop, build, own and operate a Green Ammonia Plant in Oman. Formerly known as Scatec Solar ASA, Scatec ASA is a Norwegian company that specializes in renewable energy systems while ACME Group, officially known as ACME Cleantech Solutions Pvt. Ltd. is one of the leading global sustainable and renewable energy companies. Located in the Duqm Special Economic Zone, the Green Ammonia Plant in Oman will produce a total of 100,000 tonnes of green ammonia annually in the first phase that is set to be operational within this year. This will be achieved with the help of a 300MW capacity electrolyzer powered by a 500MW solar farm. The entire project was set to produce 2,400 tons of green ammonia daily, translating to an annual output of around 876,000 tons. - <b>8<sup>th</sup> March 2022</b></li> <li>• <b><u>OQ - 210 Km Gas Pipeline</u></b> OQ SAOC (OQ) is undertaking the construction of the 210km gas pipeline in the Southern Part of Oman. The project includes 1. Construction of storage terminals,2. Construction of metering stations,3. Construction of compressor stations,4. Construction of pump stations,5. Construction of control stations,6. Installation of valves,7. Installation of the safety system,8. Laying of pipelines,9. Associate facilities Contract Value \$83 m. Award Date February 2022 - <b>4<sup>th</sup> March 2022</b></li> </ul>
QATAR	<ul style="list-style-type: none"> <li>• <b><u>QatarEnergy exercises contract options for North Field Expansion Project EPC-3 Contract with Técnicas Reunidas</u></b> Técnicas Reunidas announced in a statement that, QatarEnergy has exercised the North Field South Options for the North Field Expansion Project EPC-3 contract to expand the existing liquid product storage and loading facilities required for two future additional LNG trains that are planned for the North Field South project. The North Field Expansion Project EPC-3 contract, which was awarded on 19 August 2021 to Técnicas Reunidas, provides for the engineering, procurement, and construction (EPC) to expand the existing infrastructure for increased liquid production from four new LNG trains announced in February 2021 for the North Field East project with scheduled start-up of the first LNG train by year-end 2025. The planned duration of the project is now 47 months, and the contract value exceeds 800 million dollars. This contract is the culmination of front-end engineering and design (FEED) work that began in early 2018. When completed, the North Field East (NFE) Project will increase the State of Qatar’s liquefied natural gas (LNG) production capacity from 77 million tons per annum (Mtpa) to 110 Mtpa. The second phase of the planned LNG expansion for the North Field South (NFS) Project, will further increase Qatar’s LNG production capacity from 110 Mtpa to 126 Mtpa. The NFE Project and NFS Project are both part of the North Field Expansion (NFXP) Project.- <b>4<sup>th</sup> March 2022</b></li> </ul>
	<ul style="list-style-type: none"> <li>• <b><u>Acciona Consortium Wins Major Saudi Water Management Contract</u></b> Global infrastructure giant Acciona has announced that its consortium with Spanish group Aqualia and Saudi firms Tawzea and Haaco, has secured the contract from Saudi Arabia for the management, operation and maintenance of the end-to-end water cycle in the regions of Asir, Jazan, Baha and Najran for the next seven years. The region, known as the South Cluster,</li> </ul>

## SAUDI ARABIA

covers these four provinces in the south of Saudi Arabia with a population of over five million and a surface area equivalent to half of Spain (240,000 sq km). The contract, which involves a public-private partnership with the state-owned NWC (National Water Company) in charge of these services, covers the management of 59 drinking water plants, 380 storage tanks, 330 pumping stations, 127 tanker filling stations, 20,000 km of mains piping, 43 wastewater treatment plants and 7,000 km of collection networks, among other assets, said the statement from Acciona. -**4<sup>th</sup> March 2022.**

- **Japanese giant in frame for Saudi Aramco contracts worth more than \$2bn**

Japanese engineering titan JGC is in the frame for two sizeable onshore engineering, procurement and construction contracts from Saudi Aramco involving its Zuluf oilfield, promising incremental project in the Persian Gulf. Several people familiar with the development told Upstream that Aramco recently handed over letters of intent for the two onshore EPC packages understood to be worth between \$2 billion and \$2.5 billion jointly. The Zuluf expansion is a key element of Saudi Arabia's strategy to increase its crude production capacity to 13 million barrels per day and maintain its position as the world's largest crude exporter. - **4<sup>th</sup> March 2022.**

- **Petronash, ALCO Partner to Build O&G Processing Equipment for Mena Region**

Petronash Group, an engineering solutions provider to the energy industry, and ALCO Gas and Oil Production Equipment from Canada have announced their strategic partnership to design, build, and deliver processing equipment for the oil and gas industry in the Mena region. Having built their core competency over the last 50 years in design, manufacturing, installation and services of process packages, ALCO partnership with Petronash is to expand the business into the highly potential Mena region. For Petronash, ALCO partnership is an apt fit for the planned business growth and expansion of its Product portfolio. "Together, we have the end-to-end expertise for the complete range of oil and gas processing equipment, including engineering, manufacturing, and an established reach to the customers in the Mena region," a company spokesman said. - **7<sup>th</sup> March 2022.**

- **Saudi Aramco Discovers New Gas Fields in 4 Regions**

Saudi Arabia has discovered multiple conventional and unconventional gas fields across the Kingdom, energy minister Prince Abdulaziz bin Salman said. The fields were found in the central area of the Kingdom, in the Empty Quarter region, near the northern border and in the eastern region, he said. State-run Saudi Aramco discovered a field in the central region 180km southeast of the capital Riyadh, with a flow rate of 27 MMcf/d and 3,300 b/d of condensate, the minister said. Aramco also discovered a gas field in the Empty Quarter desert, 70km southwest of the Shaybah oil field, with a flow rate of 31 MMcf/d, and another field in the Empty Quarter lying 120km southwest of Shaybah at a flow rate of 16.9 MMcf/d and 50 b/d of condensate. Along the northern border, Aramco found an unconventional gas field 71km southeast of the city of Arar, with a flow rate of 2 MMcf/d and 295 b/d of condensate. A second unconventional gas field was discovered south of the Ghawar oil field, the world's biggest, with a flow rate at one well reaching 5.8 MMcf/d and 24 b/d of condensate, and a second well at 11.6 MMcf/d and 169 b/d of condensate, and another well at 9.25 MMcf/d, the minister added. - **3<sup>rd</sup> March 2022**

- **Halliburton opens oilfield chemical manufacturing reaction facility in KSA**

The facility expands Halliburton's manufacturing footprint in the Eastern Hemisphere and strengthens and accelerates its ability to serve the chemical needs of Middle East customers - **1<sup>st</sup> March 2022**

- **REPDO - Renewable Energy Program Round 3: 300MW Saad Power Plant**

Renewable Energy Project Development Office (REPDO) is undertaking the construction of a 300 MW power PV plant in Saad, Saudi Arabia. The US\$260 million project includes the following: 1. Construction of 300MW power plant, 2. Construction of control rooms, 3. Installation of solar panels, 4. Installation of transformers, 5. Laying of transmission lines, 6. Installation of turbines, 7. Installation of generators, 8. Construction of associated facilities. Contract Value \$209 m Award Date November 2021-8<sup>th</sup> **March 2022**

**ASIA EXCLUDING GULF COOPERATION COUNCIL (GCC)**

INDONESIA

- **New drilling contract for Japan's rig owner**  
Japanese offshore drilling contractor Japan Drilling Co. (JDC) has secured a new contract for one of its jack-up rigs for operations offshore Indonesia. JDC informed late last week that its subsidiary company, PT. Japan Drilling Indonesia, had entered into a drilling contract with Medco E&P Natuna for the provision of a jack-up drilling rig **Hakuryu-11**. No other details have been revealed other than that the contract is expected to start around July or August 2022. – **28<sup>th</sup> February 2022**

IRAQ

- **Halfaya Gas Processing Project to Start Trial Operations in 2023**  
Contractors have completed 51% of the planned gas processing plant at Iraq's Halfaya field, according to a statement released by the country's oil ministry. The plant is now scheduled to be completed and start trial operations start in mid-2023. China Petroleum Engineering & Construction Corporation (CPECC) is signed up to build and operate facilities to process natural gas extracted alongside crude at the Halfaya oil field. The company signed a \$1.07bn engineering, procurement, construction, commission, operations and maintenance (EPCCOM) contract for the plant with Iraq's Oil Ministry on 29 July 2019. CPECC, which is affiliated with China National Petroleum Corporation (CNPC), is expected to process around 300 million standard cubic feet a day of natural gas extracted alongside crude oil at the field. . - **4<sup>th</sup> March 2022**

INDIA

- **IndianOil Plans to Boost LPG Capacity in North East by 53pc by 2030**  
The Indian Oil Corporation (IOCL) is planning three new plants in the Northeast to increase its LPG bottling capacity by nearly 53 percent to eight crore cylinders annually by 2030. The proposed new LPG bottling plants will come up in Mizoram, Meghalaya and Arunachal Pradesh at a total investment of Rs 350 crore. The project will be executed in a combination of wholly-owned and public private partnership (PPP) models. The unit in Mizoram will be brownfield, while those in Arunachal Pradesh and Meghalaya will be set up as greenfield facilities. The Mizoram plant, which is still at the estimation stage as adjoining lands are being acquired, will have a daily capacity of 30,000 cylinders and it is likely to cost Rs 150 crore. **8<sup>th</sup> March 2022**
- **ONGC Unveils New O&G Find in Mumbai Basin off India's West Coast**  
Oil & Natural Gas Corporation (ONGC) has unveiled a new oil and gas discovery in the prolific Mumbai basin off the country's west coast. ONGC, while announcing its third-quarter financial results, said it made an oil and gas discovery with exploration well VGN-1 on its Ratna & R-Series acreage in the Mumbai offshore basin. The company has already notified three hydrocarbon discoveries including the South Velpuru-2 and Gopavaram Deep-1 onshore finds during the current financial year. - **7<sup>th</sup> March 2022**
- **Cairn Oil & Gas Aims to Achieve Net-Zero Carbon Emissions by 2050**

Cairn Oil & Gas, a unit of Vedanta Ltd, said late last month that it is on course to achieve net-zero carbon emissions by 2050, and added that its \$4 billion investment to double production over the next three-four years is in line with the newly announced environmental, social, and corporate governance (ESG) roadmap. Vedanta founder & chairman, Anil Agarwal said, "Vedanta Group has been at the forefront of sustainable practices that align with the Prime Minister's goals of achieving net-zero in tandem with positive economic growth." - **7<sup>th</sup> March 2022.**

- **GAIL India Plans to Lay Pipeline to Connect Srinagar to Gas Grid**

GAIL India Ltd plans to lay a pipeline to Srinagar to take the environmentally friendly natural gas to the Kashmir Valley as it doubles down on efforts to expand infrastructure to helm the government vision of a gas-based economy, its chairman and managing director Manoj Jain said. By May 2023, GAIL will complete a 700-km pipeline from Mumbai to Nagpur, enabling the flow of gas to central India and is on track to meeting the target of mid-2022 for completing major portions of the ambitious Urja Ganga project, bringing eastern India on the energy map, he said. Gas pipelines are planned to take the fuel to the east and northeast regions as well as to consumers in the south as part of the government push to raise the share of natural gas in India's energy basket to 15 per cent by 2030 from the current 6.7 per cent. GAIL is also laying a 1,405 km pipeline from Mumbai to Jharsuguda (Odisha) via Nagpur and Raipur in Chhattisgarh. - **4<sup>th</sup> March 2022.**

MALAYSIA

- **Petrofac Taps Alam Maritim for Cendor Flexible Risers**

Malaysian offshore oil and gas services provider Alam Maritim has won a contract with Petrofac to provide transportation, installation, and pre-commissioning of flexible risers for the Cendor pipeline project in Malaysia. The total contract value is RM52 million (around \$12.4 Million). The contract is expected to complete on July 21, 2022. While Petrofac is mostly known as an oilfield services firm and not an oil company, in this case, Petrofac is the operator of the offshore block PM304, situated 40 kilometers offshore Peninsular Malaysia, containing the Cendor and the West Desaru fields. - **2<sup>nd</sup> March 2022**

- **OceanMight secures work on Malaysia's Jerun project**

Sarawak-based oil and gas fabricator OceanMight has been awarded a sub-contract related to the central processing platform for the Jerun project offshore Malaysia. The contract was awarded to OceanMight by Malaysia Marine and Heavy Engineering, which is the main contractor for the Jerun central processing platform. The contract covers the provision of fabrication engineering, supervision, manpower, necessary equipment/tools and consumables for the "piles fabrication, loadout and sail away" of the Jerun A CPP jacket, said OceanMight's publicly-listed parent company KKB Engineering. MMHE was awarded the main 1 billion ringgit (US\$243 million) contract for the central processing platform last April. The topsides will weigh about 15,000 tonnes, the jacket about 10,000 tonnes and the piles about 5000 tonnes. As at the end of December 2021, MMHE said its contract was nearly 17% completed. **7<sup>th</sup> March 2022**

**AFRICA**

NIGERIA

- **Shelf rig awarded drilling assignment offshore Nigeria**

The 225-day contract, which carries an option for additional wells, is due to start in Q2. Shelf Drilling has secured a new contract offshore Nigeria for the jackup Shelf Drilling Mentor. The 225-day contract, which carries an option for additional wells, is due to start in Q2. - **2<sup>nd</sup> March 2022**

<p>PAPUA NEW GUINEA</p>	<ul style="list-style-type: none"> <li> <p><b><u>Major contractor earmarked for Papua New Guinea’s Stanley project</u></b> Privately-owned operator Arran Energy has selected an engineering, procurement and construction contractor for the upstream production facility required for its Stanley gas and condensate project onshore Papua New Guinea.-<b>9<sup>th</sup> March 2022</b></p> </li> </ul>
<p>UGANDA</p>	<ul style="list-style-type: none"> <li> <p><b><u>Schlumberger confirms huge Uganda contract</u></b> Schlumberger has confirmed the award of an extensive contract for drilling, completions and production services by TotalEnergies for the supermajor's 200,000 barrel per day Tilenga oil development in Uganda. Upstream reported in June last year that the New York-listed services giant was lined up for three key packages covering Tilenga development drilling, expected to be worth about \$350 million.- <b>8<sup>th</sup> March 2022</b></p> </li> <li> <p><b><u>Total/TLW/CNOOC - Kingfisher Oil Field Development: Surface Facilities</u></b> Total E&amp;P Uganda (Total), a subsidiary of Total SA, Tullow Oil Plc (TLW), and CNOOC Ltd (CNOOC), are jointly undertaking the development of surface facilities in the Kyangwali sub-county Hoima district. The project includes 1. Construction of a central processing facility with a capacity of 40,000bpd,2. Installation of 19km of flow-lines to connect the fields to the CPF,3. Construction of water intake station,4. Drilling of 31 wells (11 injectors and 20 producers) on four well pads,5. Construction of water treatment facilities,6. Construction of oil storage tanks,7. Construction of associated facilities. Contract Value \$800 m Award Date February 2022. - <b>6<sup>th</sup> March 2022</b></p> </li> <li> <p><b><u>NWSC - Gulu Water Supply and Sanitation Project: Phase II</u></b> The National Water &amp; Sewerage Corporation (NWSC) is undertaking the construction of a water transmission pipeline from Karuma to Gulu in Uganda.The project is part of the Integrated Program to Improve the Living Conditions (IPILC) in Gulu and Small Towns en Route in the Victoria Nile Catchment. The IPILC project is being implemented through funding from a consortium of Development- Partners consisting of the German Development Bank (KfW) and the International Development Agency (IDA).The IPICL project has been arranged to be implemented into two packages. Package 1 comprises the water treatment plant at Karuma with the capacity of 10,000m3 per day, water intake facility with the capacity of 30,000m3 per day and a 5,000m3 water reservoir in Gulu. The pipeline will start near the water treatment plant in Nora village near Karuma Township and traverses through six small towns i.e. Karma, Kamdini, Minakulu, Bobi, Palenga, and Koro Abili to the reinforced concrete water storage reservoir in Gulu. Additionally, the pipeline will navigate swamp sections within Minakulu Township of approximately 1.5km, cross about three paved roads and a railway line before eventually reaching customs corner in Gulu.1. Installation of water transmission pipeline (72km),2. Installation of pumps,3. Construction of water tunnel,4. Construction of valve chambers,5. Associated facilities Contract Value \$45 m Award Date January 2022.- <b>8<sup>th</sup> March 2022</b></p> </li> </ul>
<p>ZIMBABWE</p>	<ul style="list-style-type: none"> <li> <p><b><u>Centragrid - 23MW Solar Plant in Nyabira</u></b> Centragrid Energy Systems Africa (Centragrid) is undertaking the construction of solar power plants in Nyabira, Mashonaland West, 33 km away from the capital city of Harare, Zimbabwe. The Project includes 1. Construction of 23MW solar power plant,2. Construction of substations,3. Construction of a booster station,4. Installation of solar panels,5. Installation of generators and transformers,6. Laying of 6km transmission line,7. Construction of related infrastructure. Contract Value \$30 m Award Date February 2022- .- <b>4<sup>th</sup> March 2022</b></p> </li> </ul>

AUSTRALIA	<ul style="list-style-type: none"> <li>• <b><u>Chevron dishes out contract covering its Australian LNG facilities</u></b> US supermajor Chevron has enlisted GR Engineering subsidiary Upstream Production Solutions (UPS) to provide services on its natural gas facilities in Western Australia. GR Engineering this week confirmed that Chevron had awarded UPS a five-year deal, with a further two-year option, to provide commissioning, completions and operations support services for Chevron Australia. Chevron operates the 15.6 million tonnes per annum Gorgon liquefied natural gas project on Barrow Island, off the coast of Western Australia, and the 8.9 million tpa Wheatstone LNG development, near the town of Onslow. – <b>9<sup>th</sup> March 2022</b></li> </ul>
<b>EUROPE</b>	
GERMANY	<ul style="list-style-type: none"> <li>• <b><u>Germany accelerates LNG terminals scheme</u></b> Germany is pressing ahead with plans to build the country’s first liquefied natural gas terminals in order to reduce its dependence on Russian gas imports. The German state lender KfW (Kreditanstalt für Wiederaufbau) has signed an agreement to build the terminal in Brunsbüttel with the country’s utility RWE and the Dutch state-owned energy network operator Gasunie. Under the terms of the agreement, KfW will own 50% of the LNG terminal, while Gasunie will operate the facility. Gasunie stated that it plans to begin construction on the terminal this year, which, in addition to LNG, will also be made suitable for importing green hydrogen. With an annual capacity of 8bn cu m, the terminal could open up the possibility of bringing natural gas onto the German market from areas not served by gas pipelines. - <b>8<sup>th</sup> March 2022</b></li> </ul>
NORWAY	<ul style="list-style-type: none"> <li>• <b><u>Subsea 7 bags FEED contract with Equinor for North Sea project</u></b> Subsea 7 has been picked to carry out a front-end engineering and design (FEED) study for an oil and gas project offshore Norway. – <b>4<sup>th</sup> March 2022</b></li> <li>• <b><u>Norway could offer Europe a significant gas boost</u></b> Norway exported 110 Bcm of gas in 2021, according to the Norwegian Petroleum Directorate (NPD). The country is also one of the key suppliers to have been consulted by European Union officials about possible increases, in both the short and long term, according to well-informed sources.- <b>9<sup>th</sup> March 2022</b></li> </ul>
<b>NORTH &amp; SOUTH AMERICA</b>	
USA	<ul style="list-style-type: none"> <li>• <b><u>World’s largest CCS project gets financial shot in the arm</u></b> US operator Continental Resources will invest \$250 million into Summit’s North Dakota CCS scheme, which will initially handle more than 8 million tonnes per annum of carbon dioxide. The project will primarily capture CO<sub>2</sub> from ethanol plants and other industrial sources in Iowa, Nebraska, Minnesota, North Dakota and South Dakota. The CO<sub>2</sub> will be aggregated and transported to North Dakota via pipeline, where it will be safely and permanently sequestered in “extensively researched subsurface geologic formations”, Summit said. The project has commitments from 31 partner ethanol facilities to deliver more than 8 million tpa of CO<sub>2</sub>, with initial pipeline capacity of 12 million tpa and expansion potential to handle up to 20 million tpa. Continental will commit \$250 million over the next two years to help fund the development and construction of the project’s associated capture, transportation and sequestration infrastructure, while also leveraging its operational and geologic expertise to help ensure the safe and secure storage of CO<sub>2</sub>. Operational start-up in 2024. – <b>4<sup>th</sup> March 2022</b></li> </ul>

- **Venture Global awards Plaquemines LNG liquefaction to Baker Hughes**  
Venture Global LNG Inc. has awarded Baker Hughes Co. a contract to provide modular natural gas liquefaction for the first phase of its 20-million tonne/year (tpy) Plaquemines LNG plant in Louisiana. Baker Hughes will also assist in commissioning the supplied equipment. First deliveries are expected in 2023 to meet a 2024 start-up date. Commercial operations are expected to begin mid-2022. Both contracts were awarded under a master equipment-supply agreement between Venture Global and Baker Hughes for 70 million tpy of production capacity. – **10<sup>th</sup> March 2022**
- **Cheniere lets contract for Corpus Christi Stage III project**  
Cheniere Energy Inc. subsidiary Cheniere Corpus Christi Liquefaction Stage III LLC (CCL Stage III) has let a lump sum, turnkey, engineering, procurement and construction (EPC) contract with Bechtel for the Corpus Christi Stage III project. CCL Stage III has released Bechtel to begin early engineering, procurement, and other site work at the project under a limited notice to proceed. The Corpus Christi Stage III project is a fully permitted project consisting of up to seven midscale trains, each with an expected liquefaction capacity of about 1.49 million tonnes/year (tpy) with a total production capacity over 10 million tpy, bringing Corpus Christi LNG's total capacity to 25 million tpy. The project is expected to begin providing customers with LNG starting in 2025. **8<sup>th</sup> March 2022**

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