

MONTHLY REPORT
APRIL 2021
PROJECT CARGO
UPDATE



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PORT ANALYSIS

Project cargo traffic at Indian Ports (Qty in Metric Tonnes)

Port Name	Apr- Feb 2020-21	Apr- Feb 2019-20	Variance Y - o - Y
BEDI	0	4	-4
CHENNAI	2020083	179580	1840503
COCHIN	11992	3565	8427
DAHEJ	176285	8591	167694
DHAMRA	1209625	55181	1154444
ENNORE	240607	0	240607
GANGAVARAM	1519178	53771	1465407
HALDIA	1420881	37919	1382963
HAZIRA	749154	122414	626740
JNPT	14879	27196	-12317
KAKINADA	13883	6659	7224
KANDLA	1270465	153748	1116717
KARAIKAL	111288	1	111287
KATTUPALLI	54724	0	54724
KOLKATA	101714	5242	96472
KRISHNAPATNAM	411953	29828	382125
MAGDALLA	136600	105000	31600
MANGALORE	312469	1685	310784
MAYABUNDER	428	0	428
MORMUGAO	1664591	400	1664191
MUMBAI	1945446	273251	1672196
MUNDRA	1003715	144381	859334
PARADIP	2973787	14957	2958830
PIPAVAV	853	530	323
PORT BLAIR	1000	30	970
REVDANDA	25709	0	25709
TUTICORIN	109386	83976	25410
VISAKHAPATNAM	1312386	3692	1308694
Grand Total	18813082	1312588	17500494

MAJOR IMPORTERS OF PROJECT CARGO - MARCH 2021
(Qty in Metric Tonnes)

IMPORTERS	QTY IN METRIC TONNES
LM WIND POWER BLADES (I) PVT. LTD.	5703
GHANDI SPECIAL TUBES LTD.	4299.2
VESTAS WIND TECHNOLOGY INDIA PVT. LTD.	3094
TO ORDER BUYERS	2493
SANATHAN TEXTILES PVT. LTD.	2010
GANPATI AGENCY PVT. LTD.	2001
THAI OIL PUBLIC CO. LTD.	1890
VARIOUS RECEIVERS	1509
NORDEX INDIA PVT. LTD.	1436.309
LARSEN AND TOUBRO LTD.	1030
DANGOTE PETROLEUM LTD.	884
DEFINA CERAMIC PVT. LTD.	738
MALLESH AND CO.	700
BOTHRA SHIPPING SERS. PVT. LTD.	600
FRIENDS IMPEX	500
CHAUDHARY INDUSTRIES (SB)	455
LIUGONG INDIA PVT. LTD.	422
ESSAR BULK TERMINAL LTD.	407
C. J. SHAH AND CO.	335
HOEGH AUTO LINERS KGN TOWERS	287.2
RAPID METRORAIL GURGAON LTD.	285
PAREKH MARINE AGENCIES PVT. LTD.	242
DALAL MACHINE TOOLS AGENCY PVT. LTD.	174
MAHALAXMI INTL.	156
LM WIND TURBINE	143

MAJOR EXPORTERS OF PROJECT CARGO - MARCH 2021
(Qty in Metric Tonnes)

EXPORTERS	QTY IN METRIC TONNES
LM WIND POWER BLADES (I) PVT. LTD.	5846
VESTAS WIND TECHNOLOGY INDIA LTD.	5662
GLOBUS INTL. PVT. LTD.	3292
THERMAX LTD.	2563
ISGEC DAHEJ	1890
INNOV ENGG. PVT. LTD.	1191
NORDEX INDIA PVT. LTD.	930
PATEL AIRTEMP INDIA LTD.	884
FABTECH PROJECTS AND ENGG. LTD.	774
BOTHRA SHIPPING SERS. PVT. LTD.	600
LARSEN AND TOUBRO LTD.	532
LUNGONG MACHINERY HONG KONG CO. LTD.	422
GEBR PFEIFFER INDIA PVT. LTD.	414
PAHARPUR COOLING TOWER LTD.	364
WIRTGEN INDIA PVT. LTD.44	293
MULTITEX FILLTRATION ENGG. LTD.	280
VA TECH WABAG LTD.	268
MARUTI SUZUKI INDIA LTD.	259
SANY HEAVY INDUSTRY PVT. LTD.	249
JCB INDIA LTD.	240
HYUNDAI CONSTRUCTION PVT. LTD.	220
TATA HITACHI CONSTRUCTION MCHINERY	211
KLR INDUSTRIES LTD.	198
DHANSAR ENGG. CO. PVT. LTD.	195
TRACTOR INDIA PVT. LTD.	174

Major Country-wise Project Cargo Exports from India - MARCH 2021 (Qty in Metric Tonnes)

COUNTRIES	Qty in Metric Tonnes
UNITED STATES	11743
NIGERIA	8123
BANGLADESH	6104
JAPAN	532
RUSSIA	506
SOUTH AFRICA	460
SAUDI ARABIA	431
SRI LANKA	414
U.A.E.	361
GUYANA	292
ZAMBIA	249
SUDAN	174
VIETNAM	143
GHANA	98
DENMARK	74
INDONESIA	70
SENEGAL	66
AUSTRALIA	63
KENYA	54
MEXICO	52
PARAGUAY	33
PERU	33
QATAR	32
SINGAPORE	12

Major Country-wise Project Cargo Imports to India - MARCH 2021 (Qty in Metric Tonnes)

COUNTRIES	Qty in Metric Tonnes
CHINA	10087.31
SOUTH KOREA	7111
THAILAND	6338.576
JAPAN	3205.711
SPAIN	2570
MALAYSIA	1188
EGYPT	1180
GERMANY	728
U.A.E.	287.2
UNITED STATES	243.289
UNITED KINGDOM	174
SAUDI ARABIA	120
INDONESIA	113.828
KUWAIT	108
SWEDEN	90.83
RUSSIA	73
JORDAN	54
FINLAND	35

NOTE: Above Statistics is drawn from data received from Port and Custom Authorities, while all information is believed to be correct, the editors of this compilation or JM Baxi do not guarantee the authenticity of data.

MARKET OVERVIEW AND TRENDS

HIGHLIGHTS

- » KCCI welcomes move to allow net metering up to 500 kW for rooftop solar units
- » Equipment for Kudankulam N-plant on way from Europe
- » Nordex has orders for 1.2 gigawatts of wind power in the first quarter of 2021
- » Vestas Dominated Global Wind Turbine Supplier Market in 2020
- » L&T wins order for world's biggest solar power plant in Saudi Arabia



KCCI welcomes move to allow net metering up to 500 kW for rooftop solar units

- » Move to help India reach target of 40% energy generation through renewable sources by 2030; will also help maintain Karnataka's pre-eminent position of solar power generation in the country.

The Kanara Chamber of Commerce and Industry (KCCI) has welcomed the recent move of the Union Power Ministry to allow net-metering for loads up to 500 kW in the case of grid-interactive rooftop solar PV systems. Isaac Vas, President of KCCI, told BusinessLine that the 'Draft Electricity (Rights of Consumer) Rules 2020' had allowed net-metering for loads up to 5 kilowatts (kW) and gross-metering for loads above 5 kW in the case of grid-interactive rooftop solar PV systems. However, in a letter dated April 9, 2021, on the subject 'Draft Electricity (Rights of Consumers) (Amendment) Rules 2021' to the stakeholders concerned, the Union Power Ministry has reversed the restrictions on roof-top solar systems. It has allowed net metering for loads up to 500 kW, he said. (Under net-metering rules, customers are allowed to offset their normal grid electricity consumption with power generated from their rooftop solar system, and pay for the balance grid electricity consumed.) He said the

recent move will not only favour the country's target to reach 40 per cent energy generation through renewable sources by 2030 but also maintain Karnataka's pre-eminent position of solar power generation in the country. Stating that particulate matter pollution affecting the health of citizens in cities needs to be addressed, he said solar power installations are the right step in this direction. He said a number of micro, small and medium enterprises (MSMEs) in Dakshina Kannada district had put their plan of installing roof-top solar systems on hold as the 'Draft Electricity (Rights of Consumer) Rules 2020' had allowed net-metering for loads up to 5 kW. Now they can boldly make financial investment, he said Submitting the comments to the 'Draft Electricity (Rights of Consumer) Rules 2020' to the Union Power Ministry in September 2020, KCCI had pointed out that the then move to allow net-metering for loads up to 5 kW was problematic for consumers (above 5 kW) who were procuring solar from their rooftop to reduce their electricity bill. KCCI had then argued that if gross-metering is introduced, the electricity generated from rooftop solar systems of consumers would be purchased by state-level distribution companies at a rate fixed by the state-level regulators, and that amount would be reduced from consumers' electricity bills. Vas had then stated that this rate was far too low to provide any incentive to residential, commercial and industrial customers to procure their rooftop solar systems.

Source: The Hindu Business Line

Equipment for Kudankulam N-plant on way from Europe

- » Russia's integrated nuclear power player Rosatom said a batch of equipment for upcoming two atomic power plants in India from European suppliers has been loaded onto a ship.

Russia's integrated nuclear power player Rosatom on Tuesday said a batch of equipment for upcoming two atomic power plants in India from European suppliers has been loaded onto a ship. In a statement, Rosatom said the equipment manufactured by European suppliers of JSC ASE for Kudankulam Nuclear Power Project (KNPP) coming up in Kudankulam in Tirunelveli district was loaded on the Industrial Ruby marine vessel at the Hamburg port. The ship carrying the 24th batch of equipment left the port of St. Petersburg, Russia on March 16 and called at the port of Hamburg on its way to India. The closure of European borders due to the Covid-19 pandemic complicated the equipment acceptance, however, a solution was found jointly with the Nuclear Power Corporation of India Ltd and the European suppliers. As a result, the accepted equipment was shipped to Kudankulam NPP site. Rosatom said as a rule, equipment for KNPP from European countries is shipped in containers. However, the consignment of equipment like pumps, ventilation and pipe valves manufactured in Hungary, Check Republic, Slovakia and other European suppliers, was non-containerised. This equipment lot includes the production prototype of reactor coolant pump of the new type manufactured by Ganz EMM Ltd. (Hungary). "In the history of NPP (nuclear power plant) construction, it is the first reactor coolant pump manufactured under the Russian design with prevailing application of duplex and super duplex steels that are especially resistant to corrosive impact of tropical sea water", said Alexander Kvasha, Deputy Director for Projects in India -- Technical Director of JSC ASE. "It is unique due to special design parameters intended for operation in the tropical marine climate," he added. The vessel left Hamburg on March 22. Arrival of equipment in the Indian port is expected in the second decade of 2021.

Source: ET Energy World

Nordex has orders for 1.2 gigawatts of wind power in the first quarter of 2021

- » In the first quarter of 2021, Nordex received orders for 279 wind turbines with a total nominal power of 1,247 megawatts (first quarter of 2020: 1,644 MW). Delta4000 series wind turbines accounted for 906 MW or 73 percent, all other wind turbines are Delta series in the 3 MW class.

The Nordex Group received orders for 1,151 MW in ten European countries in the first quarter of 2021. The most important individual markets were Spain, Turkey, Germany and Finland. With an order from Mexico, the Latin American region accounted for an additional 96 MW. “In the first quarter, we benefited from our traditional good positioning in European markets such as Germany, Spain and Turkey, but we also won projects in Italy, Poland and Lithuania, for example. In addition to the N149, the success of the Delta4000 series is also increasingly based on the other rotor variants N133, N155 and N163, allowing us to cover all wind classes”, says José Luis Blanco, CEO of the Nordex Group. The Group has installed more than 32 GW of wind power capacity in more than 40 markets and in 2020 generated revenues of EUR 4.6 billion. The company currently employs a staff of approx. 8,500. Joint manufacturing capacity includes factories in Germany, Spain, Brazil, the United States, India and Mexico. The product portfolio focuses on onshore turbines in the 4 to 5.X MW class, which are tailor-made for the market requirements of countries with limited space and regions with limited grid capacity.

Source: EV Winds

Vestas Dominated Global Wind Turbine Supplier Market in 2020

- » GE Renewable Energy moved up two positions to second place, mainly due to explosive growth in its home market, the U.S., and its strong position in Spain in 2020.

Danish manufacturer Vestas holds the title of the world’s largest supplier of wind turbines in 2020 across the onshore and offshore wind, according to the latest preliminary rankings for the world’s top five wind turbine original equipment manufacturers (OEMs) released by the Global Wind Energy Council (GWEC) Market Intelligence. Vestas is ahead thanks to its wide geographic diversification strategy, with new installations in 32 markets last year and strong performance in the United States, Australia, Brazil, Netherland, France, Poland, Russia, and Norway. GE Renewable Energy moved up two positions to second place, mainly due to explosive growth in its home market, the U.S., and its strong position in Spain in 2020. Despite the disruption caused to local supply chains and project execution by the Covid-19 pandemic in the U.S., the American manufacturer reported more than 10 GW of installations, making it the number one supplier in the U.S. for the second year in a row. Chinese supplier Goldwind retained the third position in 2020. It achieved a record year in its home market with more than 12 GW installations. Its new installations in overseas markets passed the 1 GW milestone for the first time. Goldwind held the top spot in China last year, but the supplier lost market share at home due to strong competition from tier 2 local suppliers. Meanwhile, Chinese supplier Envision ranked fourth in 2020, moving up from the fifth position in 2019 by taking advantage of strong market growth in its home market. More than 10 GW was installed by the company in a single year, a company record. China leads the world in new offshore wind capacity installation for the third year in a row with over 3 GW of new capacity in 2020, according to GWEC. Although Siemens Gamesa had installations in 31 markets last year, the manufacturer fell three positions to fifth place. The company reported 8.7 GW of new installations in 2020 – 1.2 GW lower than the previous year – primarily due to a relatively slow year for offshore wind in Europe. However, it was the world’s largest offshore wind turbine supplier in 2020. Feng Zhao, head of strategy and market intelligence at GWEC, said, “2020 was

an incredible year for the wind industry. Chinese and American turbine manufacturers had a record of new installations that saw most of them moving up in global turbine OEM market rankings. The world's two largest markets, China and the United States, had the lion's share in global wind installation in 2020." Meanwhile, a market outlook published by the GWEC Intelligence expects 71.3 GW of wind power installations in 2020 despite the impact of Covid-19, a 6% reduction from the pre-pandemic forecast.

Source:Mercom India

L&T wins order for world's biggest solar power plant in Saudi Arabia

- » The Public Investment Fund (PIF) solar project is part of the Kingdom's push to invest in renewable energy

Mumbai-headquartered Larsen & Toubro (L&T) has secured a contract to build the Sudair solar PV project in Saudi Arabia. The renewables arm of L&T's Power Transmission and Distribution business has bagged the turnkey engineering, procurement, and construction contract for the Riyadh plant, which has a total capacity of 1.5 gigawatts – the biggest in the world. "The project that is coming up in Riyadh Province has a 30.8 square kilometre land parcel available to install a total capacity of 1.5GW PV Solar modules with associated single axial tracker and inverters," the company said in a statement. The Public Investment Fund (PIF) solar project is part of the Kingdom's push to invest in renewable energy. It is also part of the PIF's 70 percent target capacity of 58.7 gigawatts.

Source: Arab News

OTHER REPORTS FOR APRIL 2021

- » J. M. Baxi & Co. Monthly Agri Products Update
- » J. M. Baxi & Co. Monthly Automotive Logistics Update
- » J. M. Baxi & Co. Monthly Cement Update
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