

Amazon, other tech giants race to purchase renewable energy

As tech firms reshape the market, they face pressure to demonstrate that their investments are reducing emissions

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The race to secure electricity deals for power-hungry data centers has tech companies reshaping the renewable-energy market and grappling with a new challenge: how to ensure their investments actually reduce emissions.

Amazon.com Inc. said it planned Wednesday to announce commitments to buy 1.5 gigawatts (GW) of production capacity from 14 new solar and wind plants around the world as part of its push to purchase enough renewable energy to cover all of the company's activities by 2025.

Tech companies are wielding their balance sheets to finance solar, wind and other renewable-energy projects on an unprecedented scale. In some countries, developers say tech companies' willingness to spend upfront—signing commitments to buy energy at a certain price for long periods—has helped make corporations more important than government subsidies as the main drivers of renewable investment.

Amazon, Alphabet Inc.'s Google, Facebook Inc. and Microsoft Corp. are four of the top six corporate buyers of publicly disclosed renewable-energy-purchase agreements, accounting for 30%, or 25.7GW, of the cumulative total from corporations globally, according to the research firm BloombergNEF. Amazon is the largest corporate purchaser world-wide, with other top purchasers including the French oil company TotalEnergies SE and AT&T Inc. "It's almost like a stampede for clean energy," said Michael Terrell, director of energy at Google.

The scale of these investments is placing the tech companies under pressure to show that the projects actually add new renewable capacity



Amazon's latest projects have pushed the firm's signed commitments to a total of 10 gigawatts of renewable production, the company said. BLOOMBERG

to the energy grid instead of sucking up pre-existing supply. A thorny issue is whether tech companies' green-power purchases replace power generated from carbon-emitting plants or simply increase power generation to feed growing global energy consumption. That is important because the companies want to tell consumers and investors that they are helping to reduce absolute carbon output, not just shifting it around.

"Just because you put a clean electron on the grid doesn't necessarily mean you're displacing a carbon-based electron," said Brian Janous, general manager of energy and renewables at Microsoft. Mr. Janous said Microsoft is now analysing power grids to determine at which locations and times of day additional renewable-energy production would replace the most production from existing fossil-fuel-powered plants to determine where to invest.

Amazon's latest projects, across seven US states as well as Canada, Finland and Spain, have pushed the firm's signed commitments to a total of

10GW of renewable production, the company said. After the new deals, Amazon is the top all-time corporate purchaser of clean energy in the US, according to the Renewable Energy Buyers Alliance, a group of companies that promotes renewable-power procurement. The new plants, which will supply company operations including Amazon's cloud-services arm, Amazon Web Services, are scheduled to come online in the next one to three years.

Nat Sahlstrom, director of energy at Amazon Web Services, said the company looks for projects where it can be first to set up a commercial template other companies can follow to help jump-start demand. He added that Amazon only selects projects based on whether its purchasing commitments are pivotal to the projects' viability. "If not for our investments in these projects, they would not have gone forward," he said.

Google, which said it matched its energy consumption with renewables beginning in 2017, says it now has a tougher goal: aligning its consumption with renewable energy not just annu-

ally but hour by hour. That means the company is trying to make sure there is sufficient carbon-free energy on electrical grids where it operates at the times when it is using power, including at night and at times of peak demand. "I think the evolution is to focus not only on the quantity but also the quality of sourcing," Mr. Terrell of Google said.

Driving the purchases are skyrocketing data usage and computer processing. In the past decade, growing efficiency has largely offset rising usage, in part as companies shifted from on-premises computer servers to more-efficient cloud providers, according to the International Energy Agency. But while there is more efficiency to tap, according to researchers, it isn't clear how much longer, particularly with the rise of 5G networks and as more of the world lives and works online.

"The data-center industry is one of the largest power consumers worldwide," said Stefan-Jörg Göbel, a senior vice president of wind and solar for the Norwegian energy company Statkraft AS. "They're reshaping the demand side of the industry just from the pure physics of it." Data centers were estimated to account for roughly 1% of global electricity use, according to a 2020 paper in the journal Science.

Big tech companies say they have built up in-house teams staffed with former deal makers at electrical utilities who can source deals directly with providers, often sidestepping an industry of middlemen and brokers that generally handle power deals. Firms such as Amazon often blanket a country where they have operations with requests for energy projects, according to developers.

"We'll say, hey, we want to go look at every potential project that could be in development in a country," Mr. Sahlstrom of Amazon said of his team that

seeks out power-purchase agreements, or PPAs.

Developers of wind- and solar-energy projects say demand from big tech has encouraged a rise in demand for PPAs from other corporate buyers. Because the projects require heavy upfront investment that takes years to recoup, banks often won't finance them—or will give less favorable terms—unless the projects have an anchor purchaser promising to buy most or all of the production, according to developers and energy financiers.

In Spain, where Amazon has committed to buying power from five solar plants, developers say multiple big tech companies are looking for new deals. "We're talking to all of them," Martin Scharrer, who leads such negotiations for the renewable-energy producer Encavis AG, said of the tech companies. Mr. Scharrer previously struck a deal with Amazon to sell energy from a solar plant outside Seville, Spain.

Facebook said that it reached its goal of buying enough renewable energy to cover its global operations, including data centers, last year but that it is continuing to strike new power deals because its energy use is growing. Facebook's electricity use rose 39% in 2020, according to its annual sustainability report. "It's showing that voluntary targets are really moving the market," said Urvi Parekh, director of renewable energy at Facebook.

Microsoft said it has power-purchase deals that it hasn't yet announced that will catapult it to near the top of the world's biggest green-energy buyers. Mr. Janous said his company focuses on shared environmental goals rather than rankings, but added: "We know what the rankings are and, trust me, my boss knows what the rankings are, and any time there's a new one that comes out, I hear about it."

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Data from CMIE showed that the pandemic's second wave led to almost 23 million job losses in April and May alone. HT

Centre to restart jobs and migrant surveys in July

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afresh from next month to track the socio-economic impact of two waves of covid-19 on the lives and earnings of migrants.

The massive reverse migration in 2020 spurred the central government's plan to gather data.

The Supreme Court had also asked authorities to register migrants and informal workers so that their welfare measures reach beneficiaries smoothly.

Though the registration of migrants and informal workers is a different policy initiative, authorities believe that the labour bureau's survey on migrants will help improve policymaking and execution.

"The migrants' survey will have a short- and long-term outcome for policymaking and is expected to give clarity on their numbers, work and socio-economic conditions. It will also give us a sense about their shifting preference of jobs if any, and their mobility pattern," said Negi, adding that the enumerators will be using hand-held digital devices to maintain social distance and faster computation of data.


The labour bureau is planning to survey around 300,000 migrant households. The quarterly establishment survey will gather primary job creation numbers from 150,000 companies.

The survey began in 2008-09, following the global financial crisis and continued till 2017, before it was paused. It used to have a sample size of around 2,500 companies. The present survey will cover firms employing 10 or more workers.

The lack of jobs has been a prickly issue, with employment generation failing to keep pace with demand—even before the pandemic.

Post the covid-19 outbreak, both formal and informal labour markets have been hammered, with millions thrown out of jobs.

The first wave of the pandemic in 2020 pushed some 230 million Indians into poverty, according to a survey by the Azim Premji University. Data from the Centre for Monitoring Indian Economy showed that the pandemic's second wave led to almost 23 million job losses in April and May alone.



MUNJAL SHOWA LIMITED

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Extract of the Statements of Financial Results for the Fourth Quarter and year ended March 31, 2021

(₹ in Lakhs, except per equity share data)

S. No.	Particulars	3 Months Ended	Year to Date	3 Months Ended
		31.03.2021	31.03.2021	31.03.2020
		(Unaudited)	(Audited)	(Unaudited)
1.	Total Income from operations	31,646.99	1,08,537.06	25,001.75
2.	Net Profit for the period before tax and exceptional items	720.63	3,144.26	1,417.22
3.	Net Profit for the period before tax and after exceptional items	720.63	3,144.26	1,417.22
4.	Net Profit for the period after tax and after exceptional items	582.29	2,614.02	1,038.42
5.	Total comprehensive income for the period (after tax)	582.29	2,684.12	1,146.78
6.	Equity Share Capital	799.93	799.93	799.93
7.	Reserves excluding revaluation reserve as on March 31, 2021		63,339.56	
8.	Earnings Per Share (after extraordinary item/s) (of Rs. 2/- each)			
	Basic: (In rupees)	1.46	6.54	1.24
	Diluted: (In rupees)	1.46	6.54	1.24

Note:

The above is an extract of the detailed format of Quarterly Financial Results filed with the Stock Exchanges under Regulation 33 of the SEBI (Listing obligation and Disclosure Requirements) Regulations, 2015. The full format of the Financial Results are available on the Stock Exchange websites www.nseindia.com and www.bseindia.com and on the Company's website www.munjjalshowa.net.

For and on behalf of the Board


Sd/-

(Yogesh Chander Munjal)

Chairman & Managing Director

DIN 00003491

Place : Gurugram
Dated : June 23, 2021



GE Power India Limited

CIN: L74140MH1992PLC068379

Registered Office: Unit No 211-212, 2nd Floor, The Capital, G Block, Plot No. C-70, Bandra Kurla Complex, Bandra East, Mumbai - 400051 (India)

Website: <https://www.ge.com/in/ge-power-india-limited>; **E-Mail ID:** investor-relations@ge.com

Extract of Statement of Standalone and Consolidated audited Financial Results for the quarter and year ended 31 March 2021

(₹ Millions, except per share data)

Sl. No.	PARTICULARS	Quarter ended	Year ended	Quarter ended	Year ended	Quarter ended	Year ended
		31.03.2021	31.03.2021	31.03.2020	31.03.2020	31.03.2021	31.03.2020
		Standalone		Standalone		Consolidated	
1.	Total income from operations	9,411.0	34,446.9	7,736.9	25,710.8	34,455.0	25,707.9
2.	Net profit / (loss) for the period (before tax, exceptional and/or extraordinary items)	330.0	1,313.5	254.0	1,406.8	1,355.1	1,403.5
3.	Net profit / (loss) for the period before tax (after exceptional and/or extraordinary items)	241.1	950.5	254.0	1,735.9	992.1	1,732.6
4.	Net profit / (loss) for the period after tax (after exceptional and/or extraordinary items)	155.7	668.3	150.8	850.7	704.6	846.0
5.	Total comprehensive income for the period [Comprising Profit / (Loss) for the period (after tax) and other Comprehensive Income (after tax)]	146.1	647.5	152.9	835.9	683.8	831.2
6.	Equity share capital	672.3	672.3	672.3	672.3	672.3	672.3
7.	Reserves excluding revaluation reserve*	-	-	-	-	-	-
8.	Earnings per share (of ₹ 10/- each) (for continuing and discontinued operations) - Basic	2.32	9.94	2.24	12.65	10.48	12.58
	Diluted	2.32	9.94	2.24	12.65	10.48	12.58

*Reserves excluding Revaluation Reserve for the period ended as on 31 March 2021 was ₹ 9043.8 millions

Note:

a) The above is an extract of the detailed format of Financial Results for Quarter and year ended 31 March 2021 filed with the Stock Exchanges under Regulation 33 of the SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015. The full format of the Financial Results for the quarter and year ended 31 March 2021 are available on the Stock Exchange websites (www.bseindia.com / www.nseindia.com) and on the website of the Company (www.ge.com/in/ge-power-india-limited).

b) The above results were reviewed by the Audit Committee and approved by the Board of Directors at its meeting held on 22 June 2021. The results for the current quarter and year ended 31 March 2021 have been audited by the Statutory Auditor of the Company.

c) Exceptional and/or Extraordinary items adjusted in the Statement of Profit and Loss in accordance with Ind-AS Rules / AS Rules, whichever is applicable.

For and on behalf of the Board

(PRASHANT CHIRANJIVE JAIN)

Managing Director

DIN 06828019

Place: Gurugram
Date : 22 June 2021



New Okhla Industrial Development Authority

Administrative Building, Sector-6, Noida, (UP)
Website : www.noidaauthorityonline.com

E-TENDER NOTICE

E-Tenders are invited from firms/contractors registered with UPLC Lucknow for the following jobs against which bids can be uploaded and same shall be opened/ downloaded as per schedule mentioned. The details and conditions of all tenders are available on Noida Authority's official website: www.noidaauthorityonline.com & <http://etender.up.nic.in>. Please ensure to see these websites for any changes/ amendments & corrigendum etc.

A) (1) 45/DGM(JAL)/AO/SM(JAL)-I/20-21 Providing and Fixing Smart Water Meter with Setup of Advanced Metering Infrastructure (AMI) in Pilot Project Area with 10 Year O and M Noida Rs. 946.52 Lacs

The above tender can be uploaded by date **30.06.2021** upto **5.00 PM**. Pre-qualification shall be opened/downloaded on date **01.07.2021 at 11.00 AM**.

Office: Sector-5

SENIOR MANAGER (JAL)-I

Noida

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WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED

(A Government of West Bengal Enterprise)

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CIN: U40101WB2007GSC113474 • web: www.wbsetcl.in

NIT No. : CE/SLDC/WBSETCL/SAMAST(SCHD,OA,EA,BR,FE,FA)/21-22/01
Date: 24.06.2021

The Chief Engineer (SLDC) invites e-Tender for Development of Scheduling with web-based application, Open Access solution, Energy Accounting, Billing & SLDC Report, RE Forecasting & Schedule and Financial Accounting & Statutory compliance module at SLDC, Howrah. Interested bidders may obtain bidding documents by registering themselves on the e-tendering portal (<https://wbsetenders.gov.in> or <https://etender.wb.nic.in>) and thereby downloading the bidding documents from **24.06.2021 at 11:00 A.M.** and shall be submitted (online) up to **4:00 P.M. on 29.07.2021**. Also visit the Company's website (www.wbsetcl.in) for details.

ICA- T7212(2)/2021



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Website: www.hcltech.com; E-mail ID: investors@hcl.com

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NOTICE

Notice is hereby given pursuant to and in compliance with the provisions of Section 110 and other applicable provisions, if any, of the Companies Act, 2013 (the "Act"), Rules 20 and 22 of the Companies (Management and Administration) Rules, 2014 (the "Rules") and Regulation 44 of the SEBI (Listing Obligation and Disclosure Requirements) Regulations, 2015 ("Listing Regulations"), read with the General Circular No. 14/2020 dated April 8, 2020, the General Circular No. 17/2020 dated April 13, 2020, the General Circular No. 22/2020 dated June 15, 2020, the General Circular No. 33/2020 dated September 28, 2020 and the General Circular No. 39/2020 dated December 31, 2020 issued by the Ministry of Corporate Affairs ("MCA Circulars") and all other applicable laws and regulations (including any statutory modification(s) or re-enactment thereof for the time being in force), to the Members of HCL Technologies Limited (the "Company") that it is proposed to transact the following special business by the Members of the Company through Postal Ballot by remote e-voting process only ("remote e-voting") as set out in the Postal Ballot Notice dated June 21, 2021 ("Postal Ballot Notice").

Re-appointment of Ms. Nishi Vasudeva (DIN-03016991) as an Independent Director of the Company through Members' Special Resolution.

In compliance with the MCA Circulars, the Company has completed the dispatch of the Postal Ballot Notice, by electronic mode only, on Wednesday, June 23, 2021 to those members of the Company whose names appeared in the Register of Members/List of Beneficial Owners as maintained by the Company/ Depositories, respectively, as at close of business hours on **Friday, June 18, 2021, (the 'Cut-off date')** and whose e-mail addresses are registered with the Company / Depositories. The Postal Ballot Notice is also available on the Company's website at www.hcltech.com, websites of the Stock Exchanges i.e. BSE Limited ("BSE") and National Stock Exchange of India Limited ("NSE") at www.bseindia.com and www.nseindia.com, respectively, and on the website of National Securities Depository Limited ("NSDL") at www.evoting.nsdl.com.

Members whose names appeared in the Register of Members/ List of Beneficial Owners as on the Cut-off date are entitled to vote on the Resolution as set forth in the Postal Ballot Notice. The voting rights of the members shall be reckoned in proportion to the paid-up equity shares held by them as on the Cut-off date. A person who is not a member as on the Cut-off date shall treat the Postal Ballot Notice for information purpose only.

In accordance with the MCA Circulars, the Company has provided the facility to vote on the Resolution by remote e-voting only. For this purpose, the Company has entered into an agreement with NSDL for facilitating remote e-voting to enable the members to cast their votes electronically only.

The detailed procedure and instructions for remote e-voting are enumerated in the Postal Ballot Notice.

Members are requested to note that facility to exercise vote through remote e-voting will be available during the following period:

Commencement of remote e-voting: From 09:00 a.m. (IST) on Friday, June 25, 2021

End of remote e-voting: At 05:00 p.m. (IST) on Saturday, July 24, 2021

(The facility for remote e-voting will be disabled for voting by NSDL upon expiry of the aforesaid voting period.)

M/s. Nityanand Singh & Co., Practicing Company Secretaries have been appointed as the Scrutinizer for conducting the postal ballot in a fair and transparent manner.

Members who have not registered their e-mail address, in order to receive this Notice, can temporarily register the same by accessing the link: https://web.linktime.co.in/EmailReg/Email_Register.html and complete the registration process as guided therein. For permanent registration of the e-mail address, members are requested to register the same in respect of shares held in electronic form with the Depository through Depository Participant(s) and in respect of shares held in physical form by writing to the Company's Registrar and Share Transfer Agent, M/s. Link Intime India Pvt. Ltd., Unit- HCL Technologies Limited, C 101, 247 Park, L.B.S.Marg, Vikhroli (West), Mumbai - 400083 or by sending an e-mail at rtm.helpdesk@linkintime.co.in.

The results of the postal ballot will be announced on or before Tuesday, July 27, 2021 and will also be simultaneously displayed on the notice board of the Company at its Registered Office and its Corporate Office. The results will also be uploaded on the website of the Company, website of NSDL and will also be intimated to NSE and BSE.

For any queries relating to remote e-voting process, members may refer the Frequently Asked Questions ("FAQs") for Shareholders and e-voting user manual for Shareholders available at the download section of www.evoting.nsdl.com or call on toll free no.: 1800-1020-990 or 1800-224-430 or send a request at evoting@nsdl.co.in or in contact Ms. Pallavi Mhatre, Manager or Ms. Soni Singh, Asst. Manager, National Securities Depository Limited, Trade World, A Wing, 4th Floor, Kamala Mills Compound, Senapati Bapat Marg, Lower Parel, Mumbai - 400 013, at the designated e-mail ID - evoting@nsdl.co.in or pallavi@nsdl.co.in or sonis@nsdl.co.in, who will also address the grievances connected with the remote e-voting.

For HCL Technologies Limited

Date: June 23, 2021
Place: Noida (U.P.)

Manish Anand
Company Secretary