



The Pakistan Credit Rating Agency Limited

Rating Report

Thar Energy Limited

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Rating History

Dissemination Date	Long Term Rating	Short Term Rating	Outlook	Action	Rating Watch
24-Sep-2020	A-	A2	Stable	Initial	YES

Rating Rationale and Key Rating Drivers

Hub Power Company of Pakistan along with Fauji Fertilizer Company Limited, are setting up a 330MW coal power plant, under the umbrella of Thar Energy Limited (TEL). Both major shareholders (90%) reflect very strong credentials, as also reflected by their Entity Ratings (AA+). The financial strength and experience in the energy chain of the sponsoring companies is positive to the ratings, while the controlling interest lies with HUBCO. TEL has been awarded an upfront tariff, with the payments to be received from CPPA-G backed by the sovereign guarantee. China East Resource Import & Export Corporation and China Machinery Engineering Corporation are the EPC contractors; comfort is drawn that they have ~30 years of worldwide experience. Currently, project is exposed to completion risk, because till Aug-2020 ~57% construction work is completed. In addition, due to the lockdown in China (Hubei) in Jan-20, and the fact that both the contractors are of Chinese origin, the EPC Contractors served Force Majeure Event (FME) claim to TEL in light of the COVID-19 Pandemic. Improved Conditions and ease of lockdown as of now, has alleviated the risk. TEL has also notified the same to Central Power Purchasing Agency (CPPA) which, as per TEL's representation, has been acknowledged. In case of delay in achieving the COD as per the contract, the EPC contractors will be liable to pay the liquidated damages. The Rating Watch signifies the prevailing uncertainty due to the outbreak of COVID-19 pandemic and delay in RCOD.

The EPC contractors have provided bank guarantees in the form of performance bond and warranty bond. These bank guarantees provide additional cushion for the sustainable financial risk profile. Further, the company will maintain the Debt Service Reserve Account, providing coverage of six months on its Long Term Loans till maturity. Moreover, the operations of the plant are exposed to resource risk, because the Thar Block II is under construction but SECMC (coal supplier) has notified to TEL that they are confident of completing construction before the COD of TEL and will supply them the required coal.

The Company has signed Power Purchase Agreement (PPA) with CPPA-G and as per the PPA, in case of no demand from the power purchaser, CPPA-G shall be liable to pay the capacity payments at applicable tariff rates. The Government of Pakistan has given payment guarantee against dues from CPPA-G. The Company has adequate insurance coverage to cover the risk of business interruptions, marine & erection, startup-delay etc. Furthermore, external factors such as any adverse changes in the regulatory framework or prolonged delay in achieving COD may impact the ratings.

Disclosure

Name of Rated Entity	Thar Energy Limited
Type of Relationship	Solicited
Purpose of the Rating	Entity Rating
Applicable Criteria	Methodology IPP(Jun-20),Methodology Correlation Between Long-Term And Short-Term Rating Scale(Jun-20),Criteria Rating Modifier(Jun-20)
Related Research	Sector Study Power(Jan-20)
Rating Analysts	Shahmeer Dar shahmeer.dar@pacra.com +92-42-35869504

The Pakistan Credit Rating Agency Limited

Profile

Plant Thar Energy Limited (TEL) was duly organized and incorporated on 17th May, 2016. TEL is being developed on a Build-Own-Operate (“BOO”) basis and is an Independent Power Producer (“IPP”) of 330MW coal fired power plant.

Tariff TEL is awarded an upfront tariff for coal power projects by NEPRA of US\$8.5015/KWh. Tariff control period is 30 Years from the COD. The tariff is indexed to the Pakistan Rupee-US Dollar exchange rate and US and Pakistan CPI inflation. Principal and interest repayments, ROE, Insurance, Fixed and Variable O&M costs are part of the escalable (adjustable) component. Fuel price and all the taxes/levies are completely pass through to power purchaser

Return On Project The return on equity (ROE) in \$ terms as per the tariff determination of the project is at 30.65%.

Ownership

Ownership Structure TEL’s main sponsors are The Hub Power Company Limited (HUBCO), Fauji Fertilizer Company Limited and CMEC TEL Power Investments Limited. The HUBCO group has the controlling interest at 60%, Fauji Fertilizer at 30% and CMEC has 10% ownership in TEL.

Stability Company’s association with HUBCO group and Fauji Fertilizer provide comfort.

Business Acumen Sponsor groups have significant experience of development and operation of power projects, including coal-fired, natural gas, and various of renewable energies such as thermal, LNG, wind, solar, waste-to-energy, mine-mouth coal project (with integrated production of coal and power) and so on.

Financial Strength HUBCO has strong financial position. While, Fauji Fertilizer and CMEC financial strength is also good. Hence, the financial strength of the sponsors is considered strong.

Governance

Board Structure TEL’s Board of Directors (BoD) comprises of seven members. Four members represent Hubco Group, while two represents Fauji Fertilizer Company Limited and 1 member represents CMEC. There is no independent director on the board.

Members' Profile Mr. Iqbal Alimohammed is the Chairman of the TEL and has been associated with HUBCO for the last six decades. He is a fellow member of ICAP.

Board Effectiveness The experiences of board will help guiding the management in developing effective operational and financial policies.

Financial Transparency A. F. Ferguson & Co Chartered Accountants are the external auditor of the company. The auditor has given an unqualified opinion on FY20 financial statements.

Management

Organizational Structure IPPs are generally featured by a flat organizational structure, mainly comprising finance and technical staff, while the engineering, construction and operations of the plant are outsourced. However project company is overseeing EPC Contractors through renowned foreign independent engineer.

Management Team The management team is led by Mr. Saleemullah Memon, appointed as CEO.

Effectiveness The management of TEL is mostly engaged in the finance and company management related activities. The main operations and maintenance of the plant have been outsourced to Hub Power Services Limited (HPSL).

Control Environment The company maintains an adequate MIS which helps management to keep track of all operations and liaison with O&M operator.

Completion Risk

Engineering And Procurement TEL has signed an Onshore Contract with China East Resource Import & Export Corporation and Offshore supply contract with China Machinery Engineering Corporation of ~USD 28.2mln and ~USD 258.8 mln respectively. China East Resource Import & Export Corporation is responsible for the overall management, coordination, and implementation of the project. However, due to the Lockdown in China (Hubei) in January-20 because of the COVID-19 pandemic, the EPC contractors have filed a Force Majeure Event (FME) Claim with TEL. TEL has also notified the same to Central Power Purchasing Agency (CPPA).

Power Purchase Agreement TEL is being developed on a Build-Own-Operate (“BOO”) basis and is an Independent Power Producer (“IPP”) PPA is with CPPA-G, and has tenure of 30 years.

Pre-Commissioning Progress TEL’s Onshore Supply and Service Agreement is with China East Resource Import & Export Corporation dated December 29, 2016. TEL’s Offshore Supply Agreement is with China Machinery Engineering Corporation dated December 29, 2016.

Performance Default Risk Insurance is attained for material damage, third party liability, and delay in startup affecting the profits. EPC contractors will be liable to pay Liquidated Damages (LDs) as per the contract if benchmark performance ratio is not met or in the event that plant is not functional by the Required COD.

Performance Risk

Industry Dynamics Pakistan has total coal reserves of 186bln tones. Pakistan total power generation is increasing on the back of new power projects under CPEC. As at Sep FY19, dependable generation capacity of electricity reached 34,523 MW, which was 32,574 MW in June FY2019, thus, posting a growth of 5.9 percent. In 2017 first coal-based power plant had come online in Sahiwal.

Operation And Maintenance The long term O&M contract of Thar Energy Limited is with Hub Power Service Limited (subsidiary company of HUBCO).

Fuel Supply Agreement TEL will procure fuel required for plant operation through Coal Supply Agreement (CSA) with Sindh Engro Coal Mining Company (SECMC) for 30 years uninterrupted supply of coal, which has been signed between TEL and SECMC on May 13, 2017.

Performance Benchmark The required availability for Thar Energy Limited under the PPA is 85%. Meanwhile, the required efficiency of the plant is 37%.

Financial Risk

Financing Structure Analysis Debt financing constitutes 75% of the allowed project cost as per the NEPRA Tariff determination i.e. USD 497.7mln. Hence, allowed project debt and equity stood at USD 373mln (75%) and USD 124mln (25%). Total project debt has been funded by a mix of foreign (66.67%) and local debt (33.33%). The foreign debt has been sponsored by Chinese lenders with the consortium led by CDB and China Minsheng Banking Corporation Limited. Foreign debt has the pricing of 6ML + 4.05% spread p.a. payable semi-annually. The local debt has been sponsored by Pakistani Banks with the consortium led by Bank Alfalah Limited including HBL, BAML, NBP, FBL, SBL and Soneri Bank Limited. Local debt has the pricing of 3MK + 3.5% spread p.a. payable semi-annually. The principal repayment shall be made in 20 semi-annual payments.

Liquidity Profile TEL, in its off-take agreement with CPPA-G, will receive capacity payments given the plant meets contract availability, even if no purchase order is placed. In order to comfort the lenders, DSRA will be maintained.

Working Capital Financing Working Capital Lines will be procured once the company start its operations post Commercial Operation Date.

Cash Flow Analysis During FY20, Free Cashflows from Financing Activities stood at PKR 4,630mln. The company would have to make semi-annual principal repayments of debt, which also includes foreign debt. The company will maintain the Debt Service Reserve Account (DSRA), which will be equivalent to one semi-annual payment (6 months).

Capitalization The debt to equity ratio stood at 24% at FY20.

Thar Energy Limited

BALANCE SHEET	30-Jun-20	30-Jun-19	30-Jun-18	30-Jun-17
	FY20	FY19	FY18	FY17
Non-Current Assets	32,095	19,841	4,272	326
Investments (Others)				
Equity	-	-	-	-
Debt	-	-	-	-
Current Assets	1,288	1,696	128	73
Inventory	-	-	-	-
Trade Receivables	-	-	-	-
Other Current Assets	441	275	59	3
Cash & Bank Balances	847	1,421	69	71
Total Assets	33,383	21,537	4,400	400
Debt	3,329	-	-	-
Short-term	140	-	-	-
Long-term (Incl. Current Maturity of long-term debt)	3,189	-	-	-
Other Short term liabilities (inclusive of trade payables)	19,491	12,322	873	170
Other Long term Liabilities	-	-	-	-
Shareholder's Equity	10,563	9,214	3,527	229
Total Liabilities & Equity	33,382	21,537	4,400	400

INCOME STATEMENT

Turnover	-	-	-	-
Gross Profit	-	-	-	-
Operating Expense	(104)	(116)	(101)	(71)
Other Income	83	203	55	5
Financial Charges	(0)	(0)	(0)	(0)
Net Income	(42)	66	(63)	(68)

Cashflow Statement

Free Cashflow from Operations (FCFO)	(88)	3	(113)	(73)
Net Cash changes in Working Capital	217	(180)	(52)	7
Net Cash from Operating Activities	199	(107)	(110)	(61)
Net Cash from Investing Activities	(5,403)	(4,161)	(3,253)	(168)
Net Cash from Financing Activities	4,630	5,621	3,360	300
Net Cash generated during the period	(574)	1,352	(2)	71

Ratio Analysis

Performance				
Turnover Growth	N/A	N/A	N/A	N/A
Gross Margin	N/A	N/A	N/A	N/A
Net Margin	N/A	N/A	N/A	N/A
ROE	N/A	N/A	N/A	N/A
Coverages				
Debt Service Coverage (X) (FCFO/Gross Interest+CMLTD)	(0.5)x	N/A	-	(0.4)x
Interest Coverage (X) (FCFO/Gross Interest)	N/A	N/A	-	-
FCFO Pre-WC/Gross interest+CMLTD+Uncovered STB	(0.5)x	N/A	-	(0.4)x
FCFO POST-WC/Gross interest+CMLTD+Uncovered STB	0.7x	(0.0)x	-	(0.4)x
Liquidity				
Current Ratio (X)	0.1x	0.1x	0.1x	0.4x
Short Term Adjusted Quick Ratio	-	-	-	-
Capital Structure				
Total Debt/Total Debt+Equity	24.0%	0.0%	0.0%	0.0%

Credit Rating

Credit rating reflects forward-looking opinion on credit worthiness of underlying entity or instrument; more specifically it covers relative ability to honor financial obligations. The primary factor being captured on the rating scale is relative likelihood of default.

Scale	Long-term Rating Definition
AAA	Highest credit quality. Lowest expectation of credit risk. Indicate exceptionally strong capacity for timely payment of financial commitments
AA+	
AA	Very high credit quality. Very low expectation of credit risk. Indicate very strong capacity for timely payment of financial commitments. This capacity is not significantly vulnerable to foreseeable events.
AA-	
A+	
A	High credit quality. Low expectation of credit risk. The capacity for timely payment of financial commitments is considered strong. This capacity may, nevertheless, be vulnerable to changes in circumstances or in economic conditions.
A-	
BBB+	
BBB	Good credit quality. Currently a low expectation of credit risk. The capacity for timely payment of financial commitments is considered adequate, but adverse changes in circumstances and in economic conditions are more likely to impair this capacity.
BBB-	
BB+	Moderate risk. Possibility of credit risk developing. There is a possibility of credit risk developing, particularly as a result of adverse economic or business changes over time; however, business or financial alternatives may be available to allow financial commitments to be met.
BB	
BB-	
B+	
B	High credit risk. A limited margin of safety remains against credit risk. Financial commitments are currently being met; however, capacity for continued payment is contingent upon a sustained, favorable business and economic environment.
B-	
CCC	
CC	Very high credit risk. Substantial credit risk “CCC” Default is a real possibility. Capacity for meeting financial commitments is solely reliant upon sustained, favorable business or economic developments. “CC” Rating indicates that default of some kind appears probable. “C” Ratings signal imminent default.
C	
D	Obligations are currently in default.

Scale	Short-term Rating Definition
A1+	The highest capacity for timely repayment.
A1	A strong capacity for timely repayment.
A2	A satisfactory capacity for timely repayment. This may be susceptible to adverse changes in business, economic, or financial conditions.
A3	An adequate capacity for timely repayment. Such capacity is susceptible to adverse changes in business, economic, or financial conditions.
A4	The capacity for timely repayment is more susceptible to adverse changes in business, economic, or financial conditions. Liquidity may not be sufficient.



*The correlation shown is indicative and, in certain cases, may not hold.

Outlook (Stable, Positive, Negative, Developing) Indicates the potential and direction of a rating over the intermediate term in response to trends in economic and/or fundamental business/financial conditions. It is not necessarily a precursor to a rating change. ‘Stable’ outlook means a rating is not likely to change. ‘Positive’ means it may be raised. ‘Negative’ means it may be lowered. Where the trends have conflicting elements, the outlook may be described as ‘Developing’.

Rating Watch Alerts to the possibility of a rating change subsequent to, or, in anticipation of some material identifiable event with indeterminable rating implications. But it does not mean that a rating change is inevitable. A watch should be resolved within foreseeable future, but may continue if underlying circumstances are not settled. Rating watch may accompany rating outlook of the respective opinion.

Suspension It is not possible to update an opinion due to lack of requisite information. Opinion should be resumed in foreseeable future. However, if this does not happen within six (6) months, the rating should be considered withdrawn.

Withdrawn A rating is withdrawn on a) termination of rating mandate, b) the debt instrument is redeemed, c) the rating remains suspended for six months, d) the entity/issuer defaults., or/and e) PACRA finds it impractical to surveil the opinion due to lack of requisite information.

Harmonization A change in rating due to revision in applicable methodology or underlying scale.

Surveillance. Surveillance on a publicly disseminated rating opinion is carried out on an ongoing basis till it is formally suspended or withdrawn. A comprehensive surveillance of rating opinion is carried out at least once every six months. However, a rating opinion may be reviewed in the intervening period if it is necessitated by any material happening.

Note. This scale is applicable to the following methodology(s):

<p>Entities</p> <ul style="list-style-type: none"> a) Broker Entity Rating b) Corporate Rating c) Financial Institution Rating d) Holding Company Rating e) Independent Power Producer Rating f) Microfinance Institution Rating g) Non-Banking Finance Companies (NBFCs) Rating 	<p>Instruments</p> <ul style="list-style-type: none"> a) Basel III Compliant Debt Instrument Rating b) Debt Instrument Rating c) Sukuk Rating
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(1) Rating is just an opinion about the creditworthiness of the entity and does not constitute recommendation to buy, hold or sell any security of the entity rated or to buy, hold or sell the security rated, as the case may be | Chapter III; 14-3-(x)

2) Conflict of Interest

- i. The Rating Team or any of their family members have no interest in this rating | Chapter III; 12-2-(j)
- ii. PACRA, the analysts involved in the rating process and members of its rating committee, and their family members, do not have any conflict of interest relating to the rating done by them | Chapter III; 12-2-(e) & (k)
- iii. The analyst is not a substantial shareholder of the customer being rated by PACRA [Annexure F; d-(ii)] Explanation: for the purpose of above clause, the term "family members" shall include only those family members who are dependent on the analyst and members of the rating committee

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- (6) PACRA fulfills its obligations in a fair, efficient, transparent and ethical manner and renders high standards of services in performing its functions and obligations; | Chapter III; 11-A-(a)
- (7) PACRA uses due care in preparation of this Rating Report. Our information has been obtained from sources we consider to be reliable but its accuracy or completeness is not guaranteed. PACRA does not, in every instance, independently verifies or validates information received in the rating process or in preparing this Rating Report.
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- (9) PACRA ensures before commencement of the rating process that an analyst or employee has not had a recent employment or other significant business or personal relationship with the rated entity that may cause or may be perceived as causing a conflict of interest; | Chapter III; 11-A-(r)
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- (12) PACRA receives compensation from the entity being rated or any third party for the rating services it offers. The receipt of this compensation has no influence on PACRA's opinions or other analytical processes. In all instances, PACRA is committed to preserving the objectivity, integrity and independence of its ratings. Our relationship is governed by two distinct mandates i) rating mandate - signed with the entity being rated or issuer of the debt instrument, and fee mandate - signed with the payer, which can be different from the entity
- (13) PACRA does not provide consultancy/advisory services or other services to any of its customers or to any of its customers' associated companies and associated undertakings that is being rated or has been rated by it during the preceding three years unless it has adequate mechanism in place ensuring that provision of such services does not lead to a conflict of interest situation with its rating activities; | Chapter III; 12-2-(d)
- (14) PACRA discloses that no shareholder directly or indirectly holding 10% or more of the share capital of PACRA also holds directly or indirectly 10% or more of the share capital of the entity which is subject to rating or the entity which issued the instrument subject to rating by PACRA; | Reference Chapter III; 12-2-(f)
- (15) PACRA ensures that the rating assigned to an entity or instrument is not be affected by the existence of a business relationship between PACRA and the entity or any other party, or the non-existence of such a relationship | Chapter III; 12-2-(i)
- (16) PACRA ensures that the analysts or any of their family members shall not buy or sell or engage in any transaction in any security which falls in the analyst's area of primary analytical responsibility. This clause shall, however, not be applicable on investment in securities through collective investment schemes. | Chapter III; 12-2-(l)
- (17) PACRA has established policies and procedure governing investments and trading in securities by its employees and for monitoring the same to prevent insider trading, market manipulation or any other market abuse | Chapter III; 11-B-(g)

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- (18) PACRA monitors all the outstanding ratings continuously and any potential change therein due to any event associated with the issuer, the security arrangement, the industry etc., is disseminated to the market, immediately and in effective manner, after appropriate consultation with the entity/issuer; | Chapter III | 18-(a)
- (19) PACRA reviews all the outstanding ratings on semi-annual basis or as and when required by any creditor or upon the occurrence of such an event which requires to do so; | Chapter III | 18-(b)
- (20) PACRA initiates immediate review of the outstanding rating upon becoming aware of any information that may reasonably be expected to result in downgrading of the rating; | Chapter III | 18-(c)
- (21) PACRA engages with the issuer and the debt securities trustee, to remain updated on all information pertaining to the rating of the entity/instrument; | Chapter III | 18-(d)

Probability of Default

(22) PACRA's Rating Scale reflects the expectation of credit risk. The highest rating has the lowest relative likelihood of default (i.e, probability). PACRA's transition studies capture the historical performance behavior of a specific rating notch. Transition behavior of the assigned rating can be obtained from PACRA's Transition Study available at our website. (www.pacra.com). However, actual transition of rating may not follow the pattern observed in the past | Chapter III | 14-(F-VII)

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