



Mangalore SEZ Limited

Regd. Office: Sy. No 168/3A, Plot No. U-1, Administrative Building,
Mangalore Special Economic Zone, Bajpe Village,
Mangaluru Taluk, Dakshina Kannada (Dist.), Karnataka-574 142.
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E-mail: info@msezl.com Website: www.mangaloresez.com
CIN: U45209KA2006PLC038590

MSEZL/F&A/KERC/2024-25

17th December 2024

To,
Secretary,
Karnataka Electricity Regulatory Commission,
No. 16, C-1, Millers Tank Bed Area,
Vasanth Nagar, Bengaluru, 560 052,
Karnataka, India.

Dear Sir,

Sub: Reply to Hon'ble Commission preliminary observations on tariff petition for approval of APR for FY24 and ARR/Tariff for FY 26 - FY28.

Ref.: 1. OP No.35/2024 filed before KERC

2. The Hon'ble Commission letter KERC/DD(Tariff)/OP 35-2024/1171 dated 10.12.2024.

In pursuance to the preliminary observations made by Hon'ble Commission on our application for APR for FY24 and ARR/Tariff for MYT FY 26 – FY 28, the paragraph wise reply is furnished as under for your kind consideration.

1. Reply to Paragraph A1:

The Hon'ble Commission has observed and acknowledged the normative loan amount submitted in Form D-9 of the tariff petition and thus, no reply is offered.

2. Reply to Paragraph A2 and A3.

In comparative terms between FY 23 (98.29 MUs) and FY 24 (70.97 MUs) the decrease in FY 24 is due to consumers opting for open access in FY 24.

The company in the submissions made for determination of ARR FY 24 had considered the impact of open access on energy sales and proposed an energy sale of 71.01 MUs. The Hon'ble Commission had revised the sales estimates to 86.79 MUs. In FY 24, the actual energy sales are 70.97 MUs which corresponds to the original estimates of 71.01 MUs, submitted by the company in ARR FY 24. The energy drawn by open access consumers in FY 24 is 14.04 MUs. **On the assumption**, this OA energy would have been drawn from the grid then the energy sales for APR FY 24 would have been 85.05 MUs





As submitted in Format D2 APR FY 24, the actual energy sales for FY 24 are 70.97 MUs and open access quantum of 14.04 MUs is **not included in the energy sales of 70.97 MUs.**

The details of customer category wise energy sales information for FY 24 is attached as Annexure I.

3. Reply to Paragraph A4.

The common costs incurred by the company includes but not limited to insurance premium cover taken on the assets of company, annual company audit fees, banking charges, professional fees like credit rating charges, telecommunication & computer charges, security charges. The common costs are allocated based on the revenue between the licensed business and SEZ business.

4. Reply to Paragraph A5

The details of energy drawn through OA during FY 24 is as under:

Customers	Units drawn under open access (MUs)
Cardolite Speciality Chemicals India LLP	4.85
Syngene International Limited	4.41
Yashaswi Fish Meal and Oil Company	2.15
Gadre Marine Export Pvt Ltd	2.00
Shree Ulka LLP	0.63
Total	14.04

5. Reply to Paragraph B1.

Prepayment of FY 26 and FY 27 loan: As of the filing date, at the corporate level the principal loan instalment due for payment in FY 26 and FY 27 is **prepaid by the Company.** Accordingly, for licensed activity capital loan portion **the prepayment** made at corporate level is mapped under 'loan repayment' in FY 24 and FY 25.

In Format D-9, the amount shown under the tab 'loan repayment' in FY 24 and FY 25 Rs.3.63 Cr and Rs.3.13 Cr respectively **is the prepayment of loan** as per original schedule of loan payment due in FY 26 and FY 27. Since, the **prepayment of loan is already factored** in FY 24 and FY 25 the 'loan payment' is NIL in FY 26 and FY 27.





Loan payment for FY 28: As of the tariff application date, the prepayment for FY 28 has not happened at Corporate level and hence, the loan repayment due for FY 28 Rs.2.42 Cr is considered per original schedule payment and reduced form loan balance.

6. Reply to Paragraph B2

The proposed capex of Rs.0.50 Crore, Rs.2.5 Crore and Rs.1 Crore for FY 26, FY 27 and FY 28 respectively is likely to be met from the internal accrual. However, at the time of filing the respective APR's & considering the actual cost of investment the company would consider/adopt the project financing for capital investment at Debt: Equity ratio of 70:30 as per Hon'ble Commission regulations.

7. Reply to Paragraph B3(a):

The details of consumer-wise data of actual sales upto 30th November 2024 and estimates for Dec 24 to March 25 is attached as Annexure II.

8. Reply to Paragraph B3(b):

The company apart from regular consumers (SEZ Units) to whom energy is supplied also operates *utilities* inside the Mangalore SEZ numbering to 15 such installations. These installations are commonly tagged as 'MSEZL Utilities' in the tariff filing. These installations are also issued RR Number and includes HT installations with CD of 1.15 MVA and LT installations with CD of 0.17 MVA.

9. Reply to Paragraph B3(c):

The company has analyzed the previous year's distribution loss vis-à-vis the energy sales of the particular year. The distribution loss is in the range of 0.35% to 0.40%. Thus, the distribution loss for estimated energy sales for MYT FY 26-FY28 is considered at 0.40%.

10. Reply to Paragraph B3(d):

Currently, one of our HT consumers GAIL Mangalore Petrochemicals Limited (GMPL) is availing power at 33KV at a contract load/demand of 2 MVA. This power is being used for industrial maintenance activities only. However, as this consumer requires power at 220KV voltage level for production activities, which is set to commence in FY 26, the power would be drawn by them from 220KV/110 KV/11 KV Main receiving substation from MESCOM. Thus, in MYT FY





26-28 CD is reduced by 2MVA. The deletion of GMPL is compensated by addition of one new consumer GAIL GAS Limited with an addition of 0.01KVA to overall contract demand. Thus, number of consumers remains at 33 during the MYT FY 26-28.

11. Reply to Paragraph B3(e):

The consumer wise details of CD and estimated sales for FY 26 to FY 28 is furnished as Annexure III. The sales estimation for each year of the MYT control period FY 26 – FY 28 is prepared on the assumption that the:

- **Open access consumers would continue to draw power from the grid:** The energy drawn by OA consumers in FY 23 is 4.08 MUs, in FY 24 14.04 MUs and in FY 25 (as of Nov 24) 6.5 MUs. The proportion of energy drawn from OA is increasing Y-o-Y. In FY 25, due to competitive tariff determined by the Hon'ble Commission the OA energy is marginally lower compared to FY 24. The sales estimation for MYT FY 26-28 is made after considering OA energy drawl by these consumers. Also, the consumers prefer to draw more green power as part of their export obligations and thus, are less reliant on the grid power.
- **That the business prospects of consumers remain robust during the MYT control period:**

The consumers in Mangalore SEZ are export customers. Thus, the business is directly impacted by the global events like war, oil prices, government policies, forex etc. While making the sales estimates for MYT period the previous year's energy consumption pattern is (after considering the OA energy drawal) is considered to arrive at the estimates.

12. Reply to Paragraph 4:

- (i) The company has determined the allocation matrix after studying the infrastructure facilities developed in the area of operation. The company has developed the Mangalore SEZ on plug and play model - **industrial zone** and hence, the capital investment plan is primarily driven by industrial grade distribution assets. Considering the number of consumers, area of operation and metering equipment available the capital investment for retail supply business is very optimum and also scope/manhours spend on the maintenance of retail assets is very negligible to the overall capital investment and maintenance activities of distribution assets.





The company has submitted for the kind consideration of Hon'ble Commission the study report on 'Capital Investment cost and O&M Expenses' for distribution business and Retail supply business as Annexure II to tariff application.

- (ii) Further, amongst the distribution assets the industrial HT grade network created is 95% and LT grade HT network is 5%. In the total contract demand of 30.69 MVA, the HT category itself is 30.46 MVA. The same methodology was submitted in ARR FY 24, and the Hon'ble Commission has considered accordingly.
- (iii) As observed and pointed by the Hon'ble Commission the working capital attributable to HT should have been more in HT and the company considers reviewing the same. The Hon'ble Commission is requested to consider allocation of 90% of interest on working capital to HT and the revised wheeling charges calculation is submitted for kind consideration of the Hon'ble Commission.

➤ The allocation matrix followed is as follows:

Particulars	Distribution Business (%)	Retail Supply business (%)
Power purchase expenses	-	100
O&M Expenses	90	10
Depreciation	95	5
Interest on capex	95	5
Interest on working capital	90	10
Interest on consumer security deposits	-	100
Bad and Doubtful debts	-	100
Return on equity	95	5
Other Income	-	100

➤ The distribution business ARR for each year of the MYT control period is as follows:

Particulars	All Rs. in Crore		
	Distribution Business ARR		
	FY 26	FY 27	FY 28
O&M Expenses	2.29	2.48	2.65
Depreciation	2.74	2.74	2.74
Interest on capex	1.70	1.70	1.58
Interest on working capital	1.23	1.34	1.37
Return on equity	3.66	3.66	3.66
Net ARR	11.62	11.92	12.00





- Wheeling charges proposal for each year of the MYT control period:
Accordingly, the company proposes to make applicable and collect the wheeling charges to *all the open access/wheeling transactions* for using the network of the company.

Particulars	FY 26	FY 27	FY 28
ARR of Distribution business Rs. in Cr	11.62	11.92	12.00
Sales – MUs	81.28	83.27	85.27
Wheeling charges Rs. per unit	1.43	1.43	1.41
HT-Network @ 95% of Rs.1.43/unit	1.36	1.36	1.34
LT-Network @ 5% of Rs.1.43/unit	0.07	0.07	0.7

- (iv) The basis of allocation of distribution loss between HT and LT:

The company has carried out actual HT & LT loss calculations while conducting FY 25 Q1 periodic energy audit report. The loss calculations are made considering energy recorded at input interface point of HT/ LT feeder and energy recorded at load end metering point. The energy delivered through the HT< feeders depends upon the energy sales recorded and the loss of that would occur in the HT< network. The loss occurring at various voltage levels is assumed to be proportional to the sale of energy in the respective voltage levels. The company has submitted Format D-19 energy flow diagram for MYT FY 26-FY 28.

13. Reply to Paragraph 5:

As part of the tariff proposal for MYT FY 26-FY 28 the demand charges recovery proposal is submitted by the company for the kind consideration of the Hon'ble Commission. The company has proposed a recovery of fixed cost for MYT FY 26-28 at Rs.375/KVA. The fixed cost recovery in ASC working is based on the proposed demand charges of Rs.375/KVA. If, the Hon'ble Commission determines (a) total fixed cost higher than the amount proposed by the company or (b) fixed cost recovery through demand charges is lower than the proposed recovery, the ASC computation should also be recomputed accordingly.

14. Reply to Paragraph 6:

The company has procured energy of 36.14 MUs, which includes green power of 10.58 MUs. In Format D-1 of the tariff application for FY 24, the company has shown the Energy purchase from IEX – Non-Solar and Solar





power as 25.56 MUs and 10.58 MUs respectively. The RPO compliance for FY 24 is as under:

Energy procured MWH	RE to met in MWH	Total RE met MWH	Balance RE to ne met	Remarks
27715	6929	10579	NIL	RPO Certificates attached as Annexure IV

The company purchased 3650 MHW more RE – Power. The company requests this quantity to be considered for shortfall in RPO by MESCOM.

We trust our above replies clarify the observations made by the Hon'ble Commission.

Thanking you,

Yours faithfully,

For MANGALORE SEZ LTD

V. Suresh Kumar
Authorised Signatory
Ran



Annexue I

Statement showing details of actual energy sales Vs. the approved sales for FY 23-24				
	Consumers	Actual Energy consumption(kWH) in MUs	Energy estimation submitted by company for APR FY 24 - MUs	Approved Energy (kWh) by Hon'ble KERC - MUs
1	MRPL Aromatic SEZ Unit	41.80	36.00	36.00
2	ISPRL	4.62	4.16	4.16
3	Cardolite Speciality Chemicals India LLP	2.32	0.60	0.60
4	Authentic Ocean Treasure	3.22	3.32	3.32
5	Shree ULKA LLP	2.95	3.00	3.00
6	Yashaswi Fish Meal & Oil company	4.38	5.00	5.00
7	Gadre Marine Export	5.31	8.00	8.00
8	Syngene International Limited	2.01	3.37	3.37
9	Syngene International Limited (ETP)	0.56	0.20	0.20
10	Trident Infrastructre	0.36	-	-
11	Catasynth Speciality chemical Pvt Ltd	0.20	5.71	5.71
12	Canteen(Mahesh Kumar)	0.01	0.004	0.004
13	Axis Bank ATM	0.01	0.00	0.00
14	MSEZL Utilities	2.82	1.64	1.64
15	JBF Street light	0.27	-	-
16	Indus Towers	0.01	-	-
17	Seundo Energy	0.001	-	-
18	GMPL 33KV	0.13	-	-
19	Indus Towers DC office	0.0006	-	-
20	Additional sales approved by KERC	-	-	15.96
		70.97	71.01	86.97

Category	Actual Energy consumption(kWH) in MUs	Estimation submitted by company for APR FY 24 - MUs	Approved Energy (kWh) by Hon'ble KERC - MUs
HT Industrial	70.22	70.45	70.45
LT Industrial	0.75	0.56	0.56
LT Construction	0.0010	-	-
Additional sales approved by KERC	-	-	15.96
TOTAL	70.97	71.01	86.97



Annexure II

Energy Sales for FY 25 (Actual up to Nov 24 & Projected Dec 24 to March 25)				
Sl.No	Name of the Company	Actual Energy (MUs)	Projected energy (MUs)	Total energy (MUs)
1	MRPL Aromatic SEZ Unit	33.11	12.16	45.27
2	ISPRL	2.86	1.46	4.33
3	Cardolite Speciality Chemicals India LLP	1.41	0.87	2.29
4	Authentic Ocean Treasure	1.31	0.66	1.97
5	Shree ULKA LLP	2.44	0.99	3.43
6	Yashaswi Fish Meal & Oil company	3.22	1.44	4.66
7	Gadre Marine Export	5.77	2.73	8.50
8	Syngene International Limited	1.61	1.07	2.67
9	Syngene International Limited (ETP)	0.34	0.16	0.50
10	Trident Infrastructre	0.48	0.17	0.65
11	Catasyntn Speciality chemical Pvt Ltd	0.13	0.07	0.20
12	GMPL 33KV	2.42	1.03	3.45
13	Canteen(Mahesh Kumar)	0.01	0.00	0.01
14	Axis Bank ATM	0.00	0.00	0.01
15	Indus Towers	0.02	0.01	0.03
16	Indus Towers DC office	0.01	0.00	0.01
17	Indus Towers DC office (GMPL)	0.01	0.00	0.01
18	Seundo Energy	0.00	0.00	0.00
19	MSEZL Utilities	1.72	0.84	2.56
	Total sales	56.87	23.68	80.55



Annexure III

STATEMENT SHOWING SALES ESTIMATION FOR MYT CONTROL PERIOD FY 26 - FY 28

Consumers		FY 25-26		FY 26-27		FY 27-28	
		CD (MVA)	Energy Sales in MUs	CD (MVA)	Energy Sales in MUs	CD (MVA)	Energy Sales in MUs
1	MRPL Aromatic SEZ Unit	10.00	57.00	25.00	58.00	25.00	60.00
2	ISPRL	4.50	4.50	4.50	4.63	4.50	4.63
3	Cardolite Speciality Chemicals India LLP	1.30	0.75	1.30	0.75	1.30	0.75
4	Authentic Ocean Treasure	1.50	3.00	1.50	2.80	1.50	2.80
5	Shree ULKA LLP	2.00	2.00	2.00	2.00	2.00	2.00
6	Yashaswi Fish Meal & Oil company	1.75	3.00	1.75	3.00	1.75	3.00
7	Gadre Marine Export	3.50	3.00	3.50	3.00	3.50	3.00
8	Syngene International Limited	1.50	2.00	1.50	2.00	1.50	2.00
9	Syngene International Limited (ETP)	0.20	0.59	0.20	0.44	0.20	0.44
10	Catasynth Speciality Chemical Pvt Ltd	2.25	2.00	2.25	3.93	2.25	3.93
11	Trident Infra	0.80	0.50	0.80	0.21	0.80	0.21
12	Canteen	0.003	0.01	0.003	0.01	0.003	0.01
13	Axis Bank ATM	0.004	0.01	0.004	0.00	0.004	0.00
14	Indus Tower-MRPL	0.01	0.04	0.01	0.04	0.01	0.04
15	Indus Tower-DC Office	0.01	0.01	0.01	0.01	0.01	0.01
16	Indus Tower-GMPL	0.01	0.01	0.01	0.01	0.01	0.01
17	Indus Tower- Tower IV	0.01	0.03	0.02	0.02	0.02	0.02
18	GAIL (GAS) Limited	0.01	0.02	0.01	0.02	0.01	0.02
19	MSEZL Utilities	1.32	2.81	1.32	2.39	1.32	2.39
	Total	30.68	81.28	45.69	83.27	45.69	85.27





Mangalore SEZ Limited

Regd. Office: Sy. No 168/3A, Plot No. U-1, Administrative Building,
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CIN: U45209KA2006PLC038590

MSEZL/ELECT/PD/774

Date: 04.09.2024

To,

The Chief Engineer (Electy),
Karnataka Power Transmission Corporation Limited,
SLDC, Racecourse Road,
Ananda Rao Circle,
Bangalore - 560009

Sir,

Sub: Compliance for Renewable Power Obligation by MSEZL for FY 2023-24.

With reference to the above said subject, Mangalore SEZ Limited (MSEZL) is a distribution licensee availing bulk power at 110KV level from MESCOM and also through open access. As per the regulation issued by the Hon'ble KERC, the renewable power obligations need to be complied for energy procured through open access. The details of procurement of energy through open access, RPO requirement as per the KERC regulation and actual green energy procured during FY 2023-24 is as follows:

Sl. No	Energy Procured through open access in MWH	RPO Requirement in MWH	Actual Green Energy procured in MWH
1	27715	6929	10579

Hence, MSEZL wishes to bring to your kind knowledge that the Renewable Power Obligation for FY 2023-24 as per the KERC regulation has been fully complied by MSEZL for the above mentioned period.

Thanking you,

Yours Faithfully,

For Mangalore SEZ Limited

V. Suresh
Chief Executive Officer

14/9/24

Joint Statement of Renewable Purchase Obligation met by Deemed Distribution licensee for FY 2023-24

Sl.No	Address of Deemed Distribution licensee	RR No.	Contract Demand of the Installation in KVA	Energy Procured through STOA in MWH	RE to be met in MWH	Total RE met by the firm	Balance RE to be meet	Remarks
1	Mangalore SEZ Limited, Sy No. 168/3A, Plot No. U1, Administrative Building, MSEZ Bajpe Village Mangalore Taluk, Dakshina Kannada (Dist), Karnataka -574142	BKPHT-26	20000	27715	6929	10579	Nil	MSEZL has fully complied RPO for FY 2023-24. Certificates are attached

V. Suresh Kumar
Authorized Representative of the firm




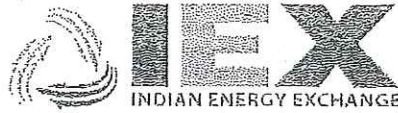
**Chief Executive Officer
Mangalore SEZ Limited**

Chief Engineer (E1e), SLDC, KPTCL, Bangalore

Monthly Statement regarding RPO complied for FY 2023-24						
SL.NO	Month	Power Procured through Open Access/IEX at Regional pheriphary in MWH			RPO Required to be complied in MWH @ 25% of PP at Regional Pheriphery(RTM/DAM)	RPO Complied in MWH at delivery point
		RTM/DAM	GDAM	Total		
1	Apr-23	1,171.31	1458.31	2,534.31	292.83	1,363.00
2	May-23	2,243.41	1529.33	3,678.79	560.85	1435.38
3	Jun-23	1,569.12	2140.1	3,582.48	392.28	2013.36
4	Jul-23	1,976.65	2354.32	4,187.44	494.16	2210.79
5	Aug-23	984.76	1776.72	2,655.61	246.19	1670.85
6	Sep-23	782.47	989.9	1,713.69	195.62	931.22
7	Oct-23	318.27	594.02	877.28	79.57	559.01
8	Nov-23	2,875.48	420.81	3,271.05	718.87	395.57
9	Dec-23	3,602.81		3,602.81	900.70	
10	Jan-24	3,213.23		3,213.23	803.31	
11	Feb-24	4,117.04		4,117.04	1,029.26	
12	Mar-24	4,860.75		4,860.75	1,215.19	
Total		27,715.30	11,263.51	38,294.48	6,928.82	10,579.18

V. Suresh
4/9/24

 Chief Executive Officer
Mangalore SEZ Limited



1

Certificate of Purchase of Renewable Energy in Green-Day Ahead Market

For the Month of : April-2023

Issued on : 01/05/2023

Portfolio Name:

Mangalore_SEZ_Limited_BKPHT_26

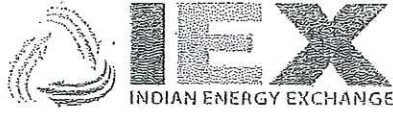
This is certified that Mangalore_SEZ_Limited_BKPHT_26 has purchased 1458.31 MWh (at regional periphery) of Renewable Energy for the period 01/04/2023 to 30/04/2023 through Indian Energy Exchange Limited in Green-Day Ahead Market.

Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
463.74	956.85	37.72	1458.31

This certificate represented hereby is issued on non-transferable and non-tradable basis and shall be held subject to Orders and Regulations of Honorable Central Electricity Regulatory Commission as amended from time to time and the Bye-laws, Rules and Business Rules of Indian Energy Exchange Limited.

Amit Kumar
Sr VP Market Operations

*Computer generated report signature not required.



Annexure 1- (Date Wise Scheduling Details)

Participant ID	N1HR0MPL0000
Participant Name	Kreate Energy (I) Private Limited
Portfolio ID	S1KA0MPL0959
Portfolio Name	Mangalore_SEZ_Limited_BKPHT_26

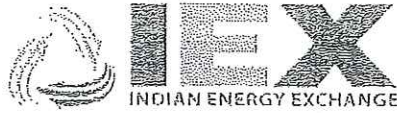
Scheduling details at Regional Periphery (Traded)

Delivery Date	Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
13-Apr-23	31.92	46.53	1.55	80
14-Apr-23	27.66	55.94	0.4	84
15-Apr-23	27.68	56.32	0	84
16-Apr-23	25.35	71.32	1.58	98.25
18-Apr-23	28.19	48.88	0.88	77.95
19-Apr-23	28.58	35.42	0	64
20-Apr-23	22.8	31.02	0.17	53.99
21-Apr-23	20.43	33.59	0.18	54.2
22-Apr-23	23.75	33.81	0.44	58
23-Apr-23	27.4	95.21	5.38	127.99
25-Apr-23	46.93	121.65	5.42	174
26-Apr-23	56.59	83.63	3.78	144
28-Apr-23	50.04	111.4	4.49	165.93
30-Apr-23	46.42	132.13	13.45	192
Grand Total				1458.31

Scheduling details after applying ISTS (POC) loss

Delivery Date	Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
13-Apr-23	30.68	44.72	1.49	76.89
14-Apr-23	26.55	53.73	0.39	80.67
15-Apr-23	26.58	54.08	0	80.66
16-Apr-23	24.35	68.52	1.52	94.39
18-Apr-23	27.14	47.05	0.84	75.03
19-Apr-23	27.51	34.09	0	61.6
20-Apr-23	21.94	29.86	0.17	51.97
21-Apr-23	19.65	32.34	0.18	52.17
22-Apr-23	22.88	32.54	0.42	55.84
23-Apr-23	26.38	91.66	5.17	123.21

*Computer generated report signature not required.



25-Apr-23	45.29	117.38	5.23	167.9
26-Apr-23	54.61	80.69	3.64	138.94
28-Apr-23	48.28	107.52	4.32	160.12
30-Apr-23	44.8	127.51	12.97	185.28
Grand Total				1404.67

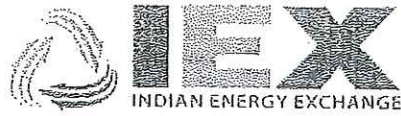
Scheduling details after applying ISTS (POC) and State loss

Delivery Date	Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
13-Apr-23	29.8	43.44	1.45	74.69
14-Apr-23	25.79	52.19	0.38	78.36
15-Apr-23	25.82	52.53	0	78.35
16-Apr-23	23.65	66.56	1.47	91.68
18-Apr-23	26.37	45.7	0.81	72.88
19-Apr-23	26.72	33.12	0	59.84
20-Apr-23	21.32	29	0.16	50.48
21-Apr-23	19.09	31.42	0.17	50.68
22-Apr-23	22.22	31.61	0.41	54.24
23-Apr-23	25.64	89.03	5.02	119.69
25-Apr-23	44	114.04	5.08	163.12
26-Apr-23	53.04	78.4	3.54	134.98
28-Apr-23	46.9	104.44	4.21	155.55
30-Apr-23	43.52	123.88	12.6	180
Grand Total				1364.54

Scheduling details after applying ISTS (POC) Loss, State Loss, Distribution Loss and Other Loss if any (at Ex-bus)

Delivery Date	Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
13-Apr-23	29.8	43.44	1.45	74.69
14-Apr-23	25.79	52.19	0.38	78.36
15-Apr-23	25.82	52.53	0	78.35
16-Apr-23	23.65	66.56	1.47	91.68
18-Apr-23	26.37	45.7	0.81	72.88
19-Apr-23	26.72	33.12	0	59.84
20-Apr-23	21.32	29	0.16	50.48
21-Apr-23	19.09	31.42	0.17	50.68
22-Apr-23	22.22	31.61	0.41	54.24
23-Apr-23	25.64	89.03	5.02	119.69
25-Apr-23	44	114.04	5.08	163.12
26-Apr-23	53.04	78.4	3.54	134.98
28-Apr-23	46.9	104.44	4.21	155.55
30-Apr-23	43.52	123.88	12.6	180
Grand Total				1364.54

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2

Certificate of Purchase of Renewable Energy in Green-Day Ahead Market

For the Month of : May-2023

Issued on : 01/06/2023

Portfolio Name:

Mangalore_SEZ_Limited_BKPHT_26

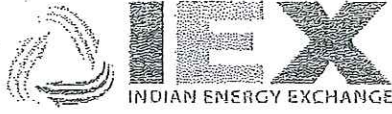
This is certified that Mangalore_SEZ_Limited_BKPHT_26 has purchased 1529.33 MWh (at regional periphery) of Renewable Energy for the period 01/05/2023 to 31/05/2023 through Indian Energy Exchange Limited in Green-Day Ahead Market.

Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
467.21	907.61	154.51	1529.33

This certificate represented hereby is issued on non-transferable and non-tradable basis and shall be held subject to Orders and Regulations of Honorable Central Electricity Regulatory Commission as amended from time to time and the Bye-laws, Rules and Business Rules of Indian Energy Exchange Limited.

Amit Kumar
Sr VP Market Operations

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Annexure 1- (Date Wise Scheduling Details)

Participant ID	N1HR0MPL0000
Participant Name	Kreate Energy (I) Private Limited
Portfolio ID	S1KA0MPL0959
Portfolio Name	Mangalore_SEZ_Limited_BKPHT_26

Scheduling details at Regional Periphery (Traded)

Delivery Date	Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
02-May-23	53.83	112.77	22.71	189.31
03-May-23	58.35	101.34	32.31	192
04-May-23	57.08	100.98	18.29	176.35
05-May-23	59.08	115.35	17.57	192
06-May-23	52.43	112.59	26.98	192
10-May-23	62.32	53.25	6.43	122
17-May-23	27.52	79.42	2.52	109.46
18-May-23	24.36	63.05	2.8	90.21
24-May-23	29.43	98.36	8.21	136
31-May-23	42.81	70.5	16.69	130
Grand Total				1529.33

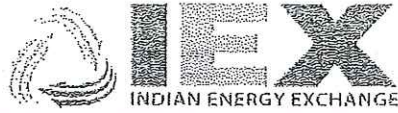
Scheduling details after applying ISTS (POC) loss

Delivery Date	Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
02-May-23	52.02	108.99	21.95	182.96
03-May-23	56.38	97.93	31.23	185.54
04-May-23	55.16	97.59	17.67	170.42
05-May-23	57.08	111.48	16.98	185.54
06-May-23	50.66	108.81	26.07	185.54
10-May-23	60.06	51.33	6.19	117.58
17-May-23	26.52	76.5	2.42	105.44
18-May-23	23.46	60.76	2.69	86.91
24-May-23	28.45	95.04	7.93	131.42
31-May-23	41.41	68.22	16.15	125.78
Grand Total				1477.13

Scheduling details after applying ISTS (POC) and State loss

Delivery Date	Solar	Non-Solar	Hydro	Total
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Delivery Date	(in MWh)	(in MWh)	(in MWh)	(in MWh)
02-May-23	50.53	105.89	21.33	177.75
03-May-23	54.77	95.13	30.36	180.26
04-May-23	53.58	94.8	17.19	165.57
05-May-23	55.47	108.31	16.48	180.26
06-May-23	49.23	105.71	25.32	180.26
10-May-23	58.35	49.87	6.01	114.23
17-May-23	25.78	74.39	2.35	102.52
18-May-23	22.81	59.08	2.62	84.51
24-May-23	27.67	92.46	7.72	127.85
31-May-23	40.29	66.37	15.71	122.37
Grand Total				1435.58

Scheduling details after applying ISTS (POC) Loss, State Loss, Distribution Loss and Other Loss if any (at Ex-bus)

Delivery Date	Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
02-May-23	50.53	105.89	21.33	177.75
03-May-23	54.77	95.13	30.36	180.26
04-May-23	53.58	94.8	17.19	165.57
05-May-23	55.47	108.31	16.48	180.26
06-May-23	49.23	105.71	25.32	180.26
10-May-23	58.35	49.87	6.01	114.23
17-May-23	25.78	74.39	2.35	102.52
18-May-23	22.81	59.08	2.62	84.51
24-May-23	27.67	92.46	7.72	127.85
31-May-23	40.29	66.37	15.71	122.37
Grand Total				1435.58

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Certificate of Purchase of Renewable Energy in Green-Day Ahead Market

For the Month of : June-2023 Issued on : 01/07/2023
Portfolio Name: Mangalore_SEZ_Limited_BKPHT_26

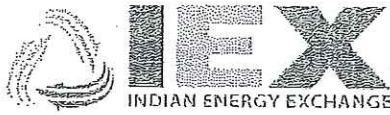
This is certified that Mangalore_SEZ_Limited_BKPHT_26 has purchased 2140.10 MWh (at regional periphery) of Renewable Energy for the period 01/06/2023 to 30/06/2023 through Indian Energy Exchange Limited in Green-Day Ahead Market.

Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
559.69	1424.43	155.98	2140.1

This certificate represented hereby is issued on non-transferable and non-tradable basis and shall be held subject to Orders and Regulations of Honorable Central Electricity Regulatory Commission as amended from time to time and the Bye-laws, Rules and Business Rules of Indian Energy Exchange Limited.

Amit Kumar
Sr VP Market Operations

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Annexure 1- (Date Wise Scheduling Details)

Participant ID	N1HR0MPL0000
Participant Name	Kreate Energy (I) Private Limited
Portfolio ID	S1KA0MPL0959
Portfolio Name	Mangalore_SEZ_Limited_BKPHT_26

Scheduling details at Regional Periphery (Traded)

Delivery Date	Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
01-Jun-23	36.58	86.62	6.8	130
02-Jun-23	32	84.79	5.21	122
07-Jun-23	31.97	78.28	4.31	114.56
08-Jun-23	33.99	61.42	2.59	98
09-Jun-23	36.91	62.99	3.35	103.25
11-Jun-23	33.07	69.72	10.96	113.75
14-Jun-23	27.08	87.43	4.49	119
15-Jun-23	26.98	89.17	2.85	119
16-Jun-23	26.15	87	5.85	119
17-Jun-23	24.22	39.49	5.47	69.18
18-Jun-23	25.8	51.17	7.03	84
20-Jun-23	25.57	80.63	6.08	112.28
21-Jun-23	24.22	86.61	8.17	119
22-Jun-23	35.53	64.41	10.01	109.95
24-Jun-23	31.03	70.89	17.08	119
28-Jun-23	51.53	86.1	16.25	153.88
29-Jun-23	37.26	113.89	15.1	166.25
30-Jun-23	19.8	123.82	24.38	168
Grand Total				2140.1

Scheduling details after applying ISTS (POC) loss

Delivery Date	Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
01-Jun-23	35.39	83.81	6.58	125.78
02-Jun-23	30.95	82.04	5.05	118.04
07-Jun-23	30.93	75.71	4.16	110.8
08-Jun-23	32.86	59.41	2.51	94.78
09-Jun-23	35.7	60.91	3.25	99.86
11-Jun-23	31.98	67.44	10.59	110.01

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14-Jun-23	26.19	84.56	4.34	115.09
15-Jun-23	26.09	86.24	2.76	115.09
16-Jun-23	25.29	84.14	5.66	115.09
17-Jun-23	23.43	38.19	5.29	66.91
18-Jun-23	24.94	49.5	6.8	81.24
20-Jun-23	24.74	78.11	5.9	108.75
21-Jun-23	23.46	83.88	7.92	115.26
22-Jun-23	34.4	62.41	9.69	106.5
24-Jun-23	30.05	68.67	16.54	115.26
28-Jun-23	49.92	83.38	15.74	149.04
29-Jun-23	36.09	110.31	14.62	161.02
30-Jun-23	19.17	119.93	23.62	162.72
Grand Total				2071.24

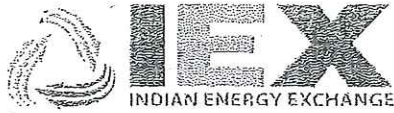
Scheduling details after applying ISTS (POC) and State loss

Delivery Date	Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
01-Jun-23	34.43	81.53	6.4	122.36
02-Jun-23	30.11	79.8	4.92	114.83
07-Jun-23	30.06	73.59	4.04	107.69
08-Jun-23	31.94	57.74	2.44	92.12
09-Jun-23	34.7	59.2	3.16	97.06
11-Jun-23	31.09	65.54	10.3	106.93
14-Jun-23	25.45	82.18	4.23	111.86
15-Jun-23	25.37	83.81	2.68	111.86
16-Jun-23	24.59	81.77	5.5	111.86
17-Jun-23	22.76	37.13	5.14	65.03
18-Jun-23	24.24	48.11	6.61	78.96
20-Jun-23	24.06	75.91	5.73	105.7
21-Jun-23	22.81	81.54	7.68	112.03
22-Jun-23	33.44	60.66	9.41	103.51
24-Jun-23	29.21	66.74	16.08	112.03
28-Jun-23	48.51	81.05	15.3	144.86
29-Jun-23	35.08	107.21	14.22	156.51
30-Jun-23	18.65	116.57	22.94	158.16
Grand Total				2013.36

Scheduling details after applying ISTS (POC) Loss, State Loss, Distribution Loss and Other Loss if any (at Ex-bus)

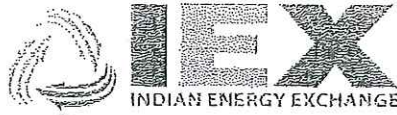
Delivery Date	Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
01-Jun-23	34.43	81.53	6.4	122.36
02-Jun-23	30.11	79.8	4.92	114.83
07-Jun-23	30.06	73.59	4.04	107.69
08-Jun-23	31.94	57.74	2.44	92.12

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09-Jun-23	34.7	59.2	3.16	97.06
11-Jun-23	31.09	65.54	10.3	106.93
14-Jun-23	25.45	82.18	4.23	111.86
15-Jun-23	25.37	83.81	2.68	111.86
16-Jun-23	24.59	81.77	5.5	111.86
17-Jun-23	22.76	37.13	5.14	65.03
18-Jun-23	24.24	48.11	6.61	78.96
20-Jun-23	24.06	75.91	5.73	105.7
21-Jun-23	22.81	81.54	7.68	112.03
22-Jun-23	33.44	60.66	9.41	103.51
24-Jun-23	29.21	66.74	16.08	112.03
28-Jun-23	48.51	81.05	15.3	144.86
29-Jun-23	35.08	107.21	14.22	156.51
30-Jun-23	18.65	116.57	22.94	158.16
Grand Total				2013.36

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4

Certificate of Purchase of Renewable Energy in Green-Day Ahead Market

For the Month of : July-2023

Issued on : 01/08/2023

Portfolio Name:

Mangalore_SEZ_Limited_BKPHT_26

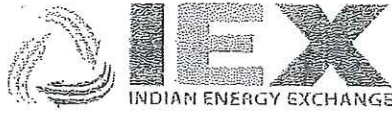
This is certified that Mangalore_SEZ_Limited_BKPHT_26 has purchased 2354.32 MWh (at regional periphery) of Renewable Energy for the period 01/07/2023 to 31/07/2023 through Indian Energy Exchange Limited in Green-Day Ahead Market.

Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
647.24	1488.89	218.19	2354.32

This certificate represented hereby is issued on non-transferable and non-tradable basis and shall be held subject to Orders and Regulations of Honorable Central Electricity Regulatory Commission as amended from time to time and the Bye-laws, Rules and Business Rules of Indian Energy Exchange Limited.

Amit Kumar
Sr VP Market Operations

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Annexure 1- (Date Wise Scheduling Details)

Participant ID	N1HROMPL0000
Participant Name	Kreate Energy (I) Private Limited
Portfolio ID	S1KA0MPL0959
Portfolio Name	Mangalore_SEZ_Limited_BKPHT_26

Scheduling details at Regional Periphery (Traded)

Delivery Date	Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
01-Jul-23	24.35	113.72	17.28	155.35
02-Jul-23	39.98	102.37	25.65	168
04-Jul-23	25.52	89.26	7.72	122.5
05-Jul-23	53.32	76.72	6.31	136.35
06-Jul-23	30.52	80.05	8.43	119
07-Jul-23	30.64	86.62	8.74	126
11-Jul-23	33.93	70.94	21.13	126
13-Jul-23	26.86	91.31	14.83	133
15-Jul-23	41.99	71.57	3.69	117.25
19-Jul-23	46.86	81.85	4.29	133
20-Jul-23	46.46	84.26	9.28	140
21-Jul-23	53.35	96.48	10.45	160.28
22-Jul-23	47.98	72.99	15.03	136
23-Jul-23	49.27	91.94	17.88	159.09
25-Jul-23	22.13	112.81	17.06	152
26-Jul-23	40.31	87.56	16.13	144
29-Jul-23	33.77	78.44	14.29	126.5
Grand Total				2354.32

Scheduling details after applying ISTS (POC) loss

Delivery Date	Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
01-Jul-23	23.58	110.16	16.73	150.47
02-Jul-23	38.74	99.12	24.84	162.7
04-Jul-23	24.64	86.2	7.46	118.3
05-Jul-23	51.49	74.1	6.09	131.68
06-Jul-23	29.47	77.3	8.14	114.91
07-Jul-23	29.59	83.64	8.45	121.68
11-Jul-23	32.73	68.4	20.37	121.5

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13-Jul-23	25.9	88.05	14.3	128.25
15-Jul-23	40.48	69.01	3.57	113.06
19-Jul-23	45.25	79.04	4.15	128.44
20-Jul-23	44.84	81.3	8.96	135.1
21-Jul-23	51.48	93.11	10.08	154.67
22-Jul-23	46.29	70.43	14.52	131.24
23-Jul-23	47.57	88.72	17.24	153.53
25-Jul-23	21.39	109	16.48	146.87
26-Jul-23	38.96	84.59	15.59	139.14
29-Jul-23	32.66	75.82	13.8	122.28
Grand Total				2273.82

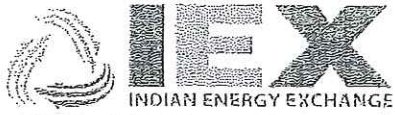
Scheduling details after applying ISTS (POC) and State loss

Delivery Date	Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
01-Jul-23	22.91	107.07	16.27	146.25
02-Jul-23	37.65	96.35	24.14	158.14
04-Jul-23	23.95	83.79	7.24	114.98
05-Jul-23	50.04	72.01	5.93	127.98
06-Jul-23	28.63	75.13	7.92	111.68
07-Jul-23	28.75	81.29	8.22	118.26
11-Jul-23	31.8	66.47	19.81	118.08
13-Jul-23	25.17	85.58	13.89	124.64
15-Jul-23	39.34	67.08	3.46	109.88
19-Jul-23	43.98	76.83	4.02	124.83
20-Jul-23	43.62	79.09	8.72	131.43
21-Jul-23	50.08	90.57	9.82	150.47
22-Jul-23	45.04	68.51	14.12	127.67
23-Jul-23	46.26	86.31	16.78	149.35
25-Jul-23	20.8	106.04	16.04	142.88
26-Jul-23	37.89	82.29	15.18	135.36
29-Jul-23	31.75	73.74	13.42	118.91
Grand Total				2210.79

Scheduling details after applying ISTS (POC) Loss, State Loss, Distribution Loss and Other Loss if any (at Ex-bus)

Delivery Date	Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
01-Jul-23	22.91	107.07	16.27	146.25
02-Jul-23	37.65	96.35	24.14	158.14
04-Jul-23	23.95	83.79	7.24	114.98
05-Jul-23	50.04	72.01	5.93	127.98
06-Jul-23	28.63	75.13	7.92	111.68
07-Jul-23	28.75	81.29	8.22	118.26
11-Jul-23	31.8	66.47	19.81	118.08

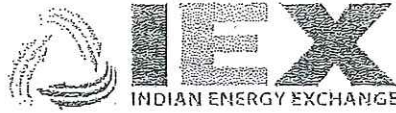
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13-Jul-23	25.17	85.58	13.89	124.64
15-Jul-23	39.34	67.08	3.46	109.88
19-Jul-23	43.98	76.83	4.02	124.83
20-Jul-23	43.62	79.09	8.72	131.43
21-Jul-23	50.08	90.57	9.82	150.47
22-Jul-23	45.04	68.51	14.12	127.67
23-Jul-23	46.26	86.31	16.78	149.35
25-Jul-23	20.8	106.04	16.04	142.88
26-Jul-23	37.89	82.29	15.18	135.36
29-Jul-23	31.75	73.74	13.42	118.91
Grand Total				2210.79

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13-Jul-23 25.17 85.58 13.89 124.64 15-Jul-23 39.34 67.08 3.46 109.88 19-Jul-23 43.98 76.83 4.02 124.83 20-Jul-23 43.62 79.09 8.72 131.43 21-Jul-23 50.08 90.57 9.82 150.47 22-Jul-23 45.04 68.51 14.12 127.67 23-Jul-23 46.26 86.31 16.78 149.35 25-Jul-23 20.8 106.04 16.04 142.88 26-Jul-23 37.89 82.29 15.18 135.36 29-Jul-23 31.75 73.74 13.42 118.91 Grand Total 2210.79



Certificate of Purchase of Renewable Energy in Green-Day Ahead Market

For the Month of : August-2023

Issued on : 01/09/2023

Portfolio Name: Mangalore_SEZ_Limited_BKPHT_26

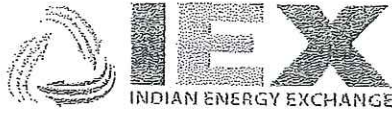
This is certified that Mangalore_SEZ_Limited_BKPHT_26 has purchased 1776.72 MWh (at regional periphery) of Renewable Energy for the period 01/08/2023 to 31/08/2023 through Indian Energy Exchange Limited in Green-Day Ahead Market.

Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
438.86	1184.96	152.9	1776.72

This certificate represented hereby is issued on non-transferable and non-tradable basis and shall be held subject to Orders and Regulations of Honorable Central Electricity Regulatory Commission as amended from time to time and the Bye-laws, Rules and Business Rules of Indian Energy Exchange Limited.

Amit Kumar
Sr VP Market Operations

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Annexure 1- (Date Wise Scheduling Details)

Participant ID	N1HRMPL0000
Participant Name	Kreate Energy (I) Private Limited
Portfolio ID	S1KA0MPL0959
Portfolio Name	Mangalore_SEZ_Limited_BKPHT_26

Scheduling details at Regional Periphery (Traded)

Delivery Date	Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
01-Aug-23	31.49	77.34	10.17	119
02-Aug-23	29.02	80.54	9.11	118.67
04-Aug-23	23.28	96.22	24.59	144.09
05-Aug-23	24.97	98.51	18.58	142.06
06-Aug-23	31.19	133.32	27.49	192
07-Aug-23	28.39	121.36	22.93	172.68
08-Aug-23	27.79	104.42	19.79	152
09-Aug-23	31.46	90.29	12.25	134
11-Aug-23	33.19	45.45	7.99	86.63
15-Aug-23	30.52	94.11	0	124.63
17-Aug-23	31.56	36.52	0	68.08
18-Aug-23	0.51	1.07	0	1.58
20-Aug-23	26.77	74.23	0	101
21-Aug-23	22.11	39.26	0	61.37
22-Aug-23	25.26	34.74	0	60
24-Aug-23	15.63	16.37	0	32
26-Aug-23	25.72	41.21	0	66.93
31-Aug-23	0	0	0	0
Grand Total				1776.72

Scheduling details after applying ISTS (POC) loss

Delivery Date	Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
01-Aug-23	30.45	74.8	9.84	115.09
02-Aug-23	28.05	77.89	8.82	114.76
04-Aug-23	22.53	93.07	23.75	139.35
05-Aug-23	24.13	95.27	17.99	137.39
06-Aug-23	30.17	128.87	26.57	185.61
07-Aug-23	27.5	117.46	22.18	167.14

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08-Aug-23	26.89	101.02	19.15	147.06
09-Aug-23	30.44	87.37	11.84	129.65
11-Aug-23	32.1	43.99	7.72	83.81
15-Aug-23	29.45	90.81	0	120.26
17-Aug-23	30.46	35.25	0	65.71
18-Aug-23	0.49	1.03	0	1.52
20-Aug-23	25.84	71.63	0	97.47
21-Aug-23	21.39	37.99	0	59.38
22-Aug-23	24.42	33.63	0	58.05
24-Aug-23	15.12	15.84	0	30.96
26-Aug-23	24.87	39.88	0	64.75
31-Aug-23	0	0	0	0
Grand Total				1717.96

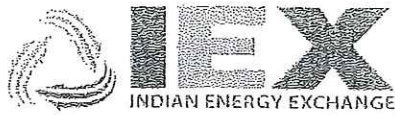
Scheduling details after applying ISTS (POC) and State loss

Delivery Date	Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
01-Aug-23	29.6	72.7	9.56	111.86
02-Aug-23	27.27	75.7	8.57	111.54
04-Aug-23	21.9	90.45	23.09	135.44
05-Aug-23	23.46	92.6	17.48	133.54
06-Aug-23	29.34	125.39	25.84	180.57
07-Aug-23	26.76	114.26	21.58	162.6
08-Aug-23	26.14	98.29	18.64	143.07
09-Aug-23	29.6	85.01	11.52	126.13
11-Aug-23	31.24	42.78	7.52	81.54
15-Aug-23	28.65	88.34	0	116.99
17-Aug-23	29.63	34.29	0	63.92
18-Aug-23	0.47	1.01	0	1.48
20-Aug-23	25.14	69.67	0	94.81
21-Aug-23	20.82	36.95	0	57.77
22-Aug-23	23.78	32.7	0	56.48
24-Aug-23	14.71	15.41	0	30.12
26-Aug-23	24.2	38.79	0	62.99
31-Aug-23	0	0	0	0
Grand Total				1670.85

Scheduling details after applying ISTS (POC) Loss, State Loss, Distribution Loss and Other Loss if any (at Ex-bus)

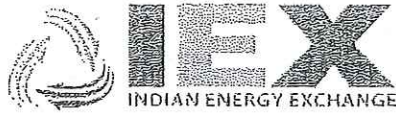
Delivery Date	Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
01-Aug-23	29.6	72.7	9.56	111.86
02-Aug-23	27.27	75.7	8.57	111.54
04-Aug-23	21.9	90.45	23.09	135.44
05-Aug-23	23.46	92.6	17.48	133.54

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06-Aug-23	29.34	125.39	25.84	180.57
07-Aug-23	26.76	114.26	21.58	162.6
08-Aug-23	26.14	98.29	18.64	143.07
09-Aug-23	29.6	85.01	11.52	126.13
11-Aug-23	31.24	42.78	7.52	81.54
15-Aug-23	28.65	88.34	0	116.99
17-Aug-23	29.63	34.29	0	63.92
18-Aug-23	0.47	1.01	0	1.48
20-Aug-23	25.14	69.67	0	94.81
21-Aug-23	20.82	36.95	0	57.77
22-Aug-23	23.78	32.7	0	56.48
24-Aug-23	14.71	15.41	0	30.12
26-Aug-23	24.2	38.79	0	62.99
31-Aug-23	0	0	0	0
Grand Total				1670.85

*Computer generated report signature not required.



Certificate of Purchase of Renewable Energy in Green-Day Ahead Market

For the Month of : September-2023 Issued on : 01/10/2023
Portfolio Name: Mangalore_SEZ_Limited_BKPHT_26

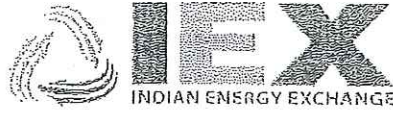
This is certified that Mangalore_SEZ_Limited_BKPHT_26 has purchased 989.90 MWh (at regional periphery) of Renewable Energy for the period 01/09/2023 to 30/09/2023 through Indian Energy Exchange Limited in Green-Day Ahead Market.

Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
306.91	628.94	54.05	989.9

This certificate represented hereby is issued on non-transferable and non-tradable basis and shall be held subject to Orders and Regulations of Honorable Central Electricity Regulatory Commission as amended from time to time and the Bye-laws, Rules and Business Rules of Indian Energy Exchange Limited.

Amit Kumar
Sr VP Market Operations

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Annexure 1- (Date Wise Scheduling Details)

Participant ID	N1HR0MPL0000
Participant Name	Kreate Energy (I) Private Limited
Portfolio ID	S1KA0MPL0959
Portfolio Name	Mangalore_SEZ_Limited_BKPHT_26

Scheduling details at Regional Periphery (Traded)

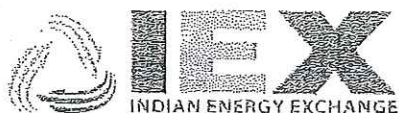
Delivery Date	Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
01-Sep-23	0	0	0	0
02-Sep-23	0	0	0	0
05-Sep-23	24.95	19.22	0	44.17
06-Sep-23	17.99	21.23	0	39.22
09-Sep-23	41.41	66.14	2.31	109.86
10-Sep-23	30.97	78.23	16.06	125.26
11-Sep-23	31.94	84.78	13.12	129.84
12-Sep-23	36.19	79.61	17.2	133
13-Sep-23	28.15	90.79	5.36	124.3
14-Sep-23	34.27	62.21	0	96.48
16-Sep-23	28.02	27.98	0	56
19-Sep-23	33.02	98.75	0	131.77
Grand Total				989.9

Scheduling details after applying ISTS (POC) loss

Delivery Date	Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
01-Sep-23	0	0	0	0
02-Sep-23	0	0	0	0
05-Sep-23	24.11	18.59	0	42.7
06-Sep-23	17.38	20.53	0	37.91
09-Sep-23	40.03	63.92	2.25	106.2
10-Sep-23	29.97	75.65	15.52	121.14
11-Sep-23	30.98	82.24	12.72	125.94
12-Sep-23	35.11	77.21	16.69	129.01
13-Sep-23	27.31	88.06	5.2	120.57
14-Sep-23	33.25	60.33	0	93.58
16-Sep-23	27.18	27.14	0	54.32
19-Sep-23	31.7	94.8	0	126.5

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IEX is a registered member of the National Stock Exchange of India Limited (NSE) and the Bombay Stock Exchange Limited (BSE). IEX is a registered member of the National Commodity and Derivatives Exchange Limited (NCDEX) and the Multi Commodity Centre Limited (MCCX). IEX is a registered member of the National Futures and Options Exchange of India Limited (NFOE) and the National Commodity and Derivatives Exchange Limited (NCDEX). IEX is a registered member of the National Commodity and Derivatives Exchange Limited (NCDEX) and the Multi Commodity Centre Limited (MCCX). IEX is a registered member of the National Futures and Options Exchange of India Limited (NFOE) and the National Commodity and Derivatives Exchange Limited (NCDEX).



Grand Total	957.87
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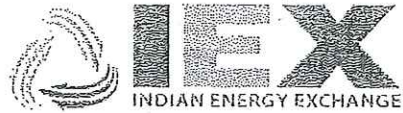
Scheduling details after applying ISTS (POC) and State loss

Delivery Date	Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
01-Sep-23	0	0	0	0
02-Sep-23	0	0	0	0
05-Sep-23	23.46	18.07	0	41.53
06-Sep-23	16.91	19.95	0	36.86
09-Sep-23	38.92	62.18	2.17	103.27
10-Sep-23	29.12	73.52	15.1	117.74
11-Sep-23	30.11	79.93	12.38	122.42
12-Sep-23	34.12	75.05	16.23	125.4
13-Sep-23	26.54	85.6	5.06	117.2
14-Sep-23	32.32	58.64	0	90.96
16-Sep-23	26.42	26.38	0	52.8
19-Sep-23	30.84	92.2	0	123.04
Grand Total				931.22

Scheduling details after applying ISTS (POC) Loss, State Loss, Distribution Loss and Other Loss if any (at Ex-bus)

Delivery Date	Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
01-Sep-23	0	0	0	0
02-Sep-23	0	0	0	0
05-Sep-23	23.46	18.07	0	41.53
06-Sep-23	16.91	19.95	0	36.86
09-Sep-23	38.92	62.18	2.17	103.27
10-Sep-23	29.12	73.52	15.1	117.74
11-Sep-23	30.11	79.93	12.38	122.42
12-Sep-23	34.12	75.05	16.23	125.4
13-Sep-23	26.54	85.6	5.06	117.2
14-Sep-23	32.32	58.64	0	90.96
16-Sep-23	26.42	26.38	0	52.8
19-Sep-23	30.84	92.2	0	123.04
Grand Total				931.22

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Certificate of Purchase of Renewable Energy in Green-Day Ahead Market

For the Month of : **October-2023** Issued on : **01/11/2023**
Portfolio Name: **Mangalore_SEZ_Limited_BKPHT_26**

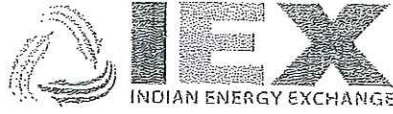
This is certified that Mangalore_SEZ_Limited_BKPHT_26 has purchased 594.02 MWh (at regional periphery) of Renewable Energy for the period 01/10/2023 to 31/10/2023 through Indian Energy Exchange Limited in Green-Day Ahead Market.

Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
232.49	283.47	78.06	594.02

This certificate represented hereby is issued on non-transferable and non-tradable basis and shall be held subject to Orders and Regulations of Honorable Central Electricity Regulatory Commission as amended from time to time and the Bye-laws, Rules and Business Rules of Indian Energy Exchange Limited.

Amit Kumar
Sr VP Market Operations

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Annexure 1- (Date Wise Scheduling Details)

Participant ID	N1HR0MPL0000
Participant Name	Kreate Energy (I) Private Limited
Portfolio ID	S1KA0MPL0959
Portfolio Name	Mangalore_SEZ_Limited_BKPHT_26

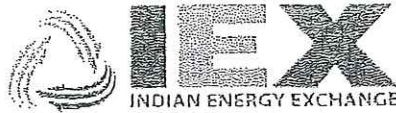
Scheduling details at Regional Periphery (Traded)

Delivery Date	Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
10-Oct-23	0	0	0	0
11-Oct-23	0	0	0	0
12-Oct-23	0	0	0	0
13-Oct-23	0	0	0	0
14-Oct-23	0	0	0	0
17-Oct-23	4.89	5.01	0	9.9
18-Oct-23	17.99	8.08	0.18	26.25
19-Oct-23	18.87	5.91	0.22	25
20-Oct-23	17.89	5.2	0.34	23.43
21-Oct-23	19.86	8.46	0.68	29
22-Oct-23	25.19	24.12	3.59	52.9
24-Oct-23	18.4	31.68	5.33	55.41
26-Oct-23	19.26	30.8	10.69	60.75
27-Oct-23	17.29	34.4	9.96	61.65
28-Oct-23	16.8	32.99	12.46	62.25
29-Oct-23	18.31	33.14	13.05	64.5
30-Oct-23	20.03	31.45	11.52	63
31-Oct-23	17.71	32.23	10.04	59.98
Grand Total				594.02

Scheduling details after applying ISTS (POC) loss

Delivery Date	Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
10-Oct-23	0	0	0	0
11-Oct-23	0	0	0	0
12-Oct-23	0	0	0	0
13-Oct-23	0	0	0	0
14-Oct-23	0	0	0	0
17-Oct-23	4.73	4.84	0	9.57

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18-Oct-23	17.39	7.8	0.17	25.36
19-Oct-23	18.26	5.72	0.21	24.19
20-Oct-23	17.31	5.04	0.32	22.67
21-Oct-23	19.21	8.19	0.66	28.06
22-Oct-23	24.37	23.34	3.48	51.19
24-Oct-23	17.8	30.61	5.16	53.57
26-Oct-23	18.68	29.85	10.36	58.89
27-Oct-23	16.76	33.36	9.67	59.79
28-Oct-23	16.31	32	12.07	60.38
29-Oct-23	17.7	32.04	12.61	62.35
30-Oct-23	19.36	30.41	11.13	60.9
31-Oct-23	17.12	31.16	9.7	57.98
Grand Total				574.9

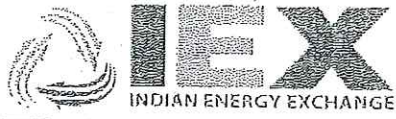
Scheduling details after applying ISTS (POC) and State loss

Delivery Date	Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
10-Oct-23	0	0	0	0
11-Oct-23	0	0	0	0
12-Oct-23	0	0	0	0
13-Oct-23	0	0	0	0
14-Oct-23	0	0	0	0
17-Oct-23	4.6	4.71	0	9.31
18-Oct-23	16.92	7.6	0.16	24.68
19-Oct-23	17.76	5.57	0.21	23.54
20-Oct-23	16.81	4.89	0.32	22.02
21-Oct-23	18.66	7.95	0.65	27.26
22-Oct-23	23.68	22.67	3.39	49.74
24-Oct-23	17.3	29.77	5.02	52.09
26-Oct-23	18.16	29.03	10.08	57.27
27-Oct-23	16.29	32.46	9.4	58.15
28-Oct-23	15.86	31.12	11.74	58.72
29-Oct-23	17.2	31.17	12.26	60.63
30-Oct-23	18.83	29.57	10.82	59.22
31-Oct-23	16.65	30.31	9.42	56.38
Grand Total				559.01

Scheduling details after applying ISTS (POC) Loss, State Loss, Distribution Loss and Other Loss if any (at Ex-bus)

Delivery Date	Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
10-Oct-23	0	0	0	0
11-Oct-23	0	0	0	0
12-Oct-23	0	0	0	0
13-Oct-23	0	0	0	0

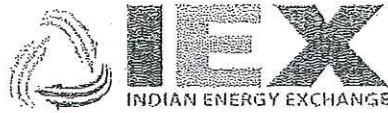
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14-Oct-23	0	0	0	0
17-Oct-23	4.6	4.71	0	9.31
18-Oct-23	16.92	7.6	0.16	24.68
19-Oct-23	17.76	5.57	0.21	23.54
20-Oct-23	16.81	4.89	0.32	22.02
21-Oct-23	18.66	7.95	0.65	27.26
22-Oct-23	23.68	22.67	3.39	49.74
24-Oct-23	17.3	29.77	5.02	52.09
26-Oct-23	18.16	29.03	10.08	57.27
27-Oct-23	16.29	32.46	9.4	58.15
28-Oct-23	15.86	31.12	11.74	58.72
29-Oct-23	17.2	31.17	12.26	60.63
30-Oct-23	18.83	29.57	10.82	59.22
31-Oct-23	16.65	30.31	9.42	56.38
Grand Total				559.01

*Computer generated report signature not required.

IEX is a registered company with the Registrar of Companies, Government of India. IEX is a member of the International Chamber of Commerce (ICC) and the International Energy Exchange Association (IEEXA). IEX is a member of the Indian Chamber of Commerce (ICC) and the Indian Energy Exchange Association (IEEXA). IEX is a member of the Indian Chamber of Commerce (ICC) and the Indian Energy Exchange Association (IEEXA).



Certificate of Purchase of Renewable Energy in Green-Day Ahead Market

For the Month of : November-2023

Issued on : 01/12/2023

Portfolio Name:

Mangalore_SEZ_Limited_BKPHT_26

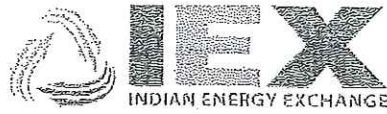
This is certified that Mangalore_SEZ_Limited_BKPHT_26 has purchased 420.81 MWh (at regional periphery) of Renewable Energy for the period 01/11/2023 to 30/11/2023 through Indian Energy Exchange Limited in Green-Day Ahead Market.

Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
113.32	256.08	51.41	420.81

This certificate represented hereby is issued on non-transferable and non-tradable basis and shall be held subject to Orders and Regulations of Honorable Central Electricity Regulatory Commission as amended from time to time and the Bye-laws, Rules and Business Rules of Indian Energy Exchange Limited.

Amit Kumar
Sr VP Market Operations

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Annexure 1- (Date Wise Scheduling Details)

Participant ID	N1HR0MPL0000
Participant Name	Kreate Energy (I) Private Limited
Portfolio ID	S1KA0MPL0959
Portfolio Name	Mangalore_SEZ_Limited_BKPHT_26

Scheduling details at Regional Periphery (Traded)

Delivery Date	Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
02-Nov-23	16.54	34.58	11.88	63
03-Nov-23	17.78	37.71	5.98	61.47
04-Nov-23	16.21	37.28	11.1	64.59
05-Nov-23	16.58	40.77	6.4	63.75
07-Nov-23	16.16	34.09	5.25	55.5
08-Nov-23	16.2	34.57	5.28	56.05
09-Nov-23	13.85	37.08	5.52	56.45
Grand Total				420.81

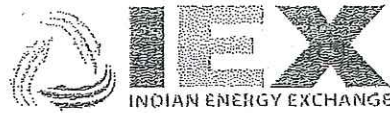
Scheduling details after applying ISTS (POC) loss

Delivery Date	Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
02-Nov-23	16	33.43	11.47	60.9
03-Nov-23	17.19	36.45	5.78	59.42
04-Nov-23	15.66	36.06	10.72	62.44
05-Nov-23	16.02	39.41	6.2	61.63
07-Nov-23	15.62	32.94	5.09	53.65
08-Nov-23	15.65	33.41	5.12	54.18
09-Nov-23	13.39	35.85	5.33	54.57
Grand Total				406.79

Scheduling details after applying ISTS (POC) and State loss

Delivery Date	Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
02-Nov-23	15.55	32.49	11.18	59.22
03-Nov-23	16.71	35.45	5.62	57.78
04-Nov-23	15.23	35.06	10.43	60.72
05-Nov-23	15.58	38.33	6.02	59.93
07-Nov-23	15.19	32.04	4.94	52.17

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08-Nov-23	15.22	32.5	4.97	52.69
09-Nov-23	13.02	34.85	5.19	53.06
Grand Total				395.57

Scheduling details after applying ISTS (POC) Loss, State Loss, Distribution Loss and Other Loss if any (at Ex-bus)

Delivery Date	Solar (in MWh)	Non-Solar (in MWh)	Hydro (in MWh)	Total (in MWh)
02-Nov-23	15.55	32.49	11.18	59.22
03-Nov-23	16.71	35.45	5.62	57.78
04-Nov-23	15.23	35.06	10.43	60.72
05-Nov-23	15.58	38.33	6.02	59.93
07-Nov-23	15.19	32.04	4.94	52.17
08-Nov-23	15.22	32.5	4.97	52.69
09-Nov-23	13.02	34.85	5.19	53.06
Grand Total				395.57

*Computer generated report signature not required.