

**RAJASTHAN ELECTRICITY REGULATORY COMMISSION
JAIPUR**

Petition No. RERC/2226/2024

In the matter of

Petition filed under section 63 (Determination of tariff by bidding process) of the Electricity Act 2003, read with regulation 19 and 21 of RERC (Transaction of Business), Regulations, 2021, for approval of levelized tariff discovered through transparent competitive bidding carried out by JdVVNL for solar power projects under Component-C (Feeder Level Solarization) of Pm-Kusum Scheme vide TN-04- TN-66.

Coram:

Dr. B.N. Sharma, Chairman

Shri Hemant Kumar Jain, Member

Dr. Rajesh Sharma, Member

Jodhpur Vidyut Vitran Nigam Limited.

Petitioner

Date of hearing:

30.04.2024

Present : Sh. Bipin Gupta, Advocate for Petitioner.

Date of order

01.05.2024

Order

1. The present Petition has been filed by Jodhpur Vidyut Vitran Nigam Limited (hereinafter referred to as 'Petitioner') under Section 63 of the Electricity Act, 2003 for Determination of Tariff by bidding process read with regulation 19 and 21 of the RERC (Transaction of Business), Regulations, 2021, for approval of Levelized tariff discovered through transparent competitive bidding carried out by JdVVNL for Solar Power Projects under Component-C (Feeder Level Solarization) of the PM-KUSUM Scheme under TN-04 to TN-66.

2. The matter was heard on 30.04.2024. Advocate Sh. Bipin Gupta, appeared for the Petitioner and made submissions in the matter.
3. Petitioner in its petition and during hearing mainly submitted as under:
 - 3.1. Ministry of New and Renewable Energy (hereby referred to as "MNRE") launched Pradhan Mantri Kishan Urja Suraksha evam Uthan Mahabhiyan Scheme (PM-KUSUM) scheme for farmers on 08.03.2019 which covers following components:
 - Component A:** Installation of Decentralized Ground Mounted Grid Connected Renewable Power Plants of individual plant size up to 2 MW.
 - Component B:** Installation of 17.50 lakhs standalone Solar Powered Agriculture Pumps of individual pump capacity up to 7.5 HP.
 - Component C:** Solarisation of 10 Lakhs Grid-connected Agriculture Pumps of individual pump capacity up to 7.5 HP.
 - 3.2. On 04.12.2020, MNRE introduced and issued guidelines for implementation of Feeder Level Solarization under Component C of PM-KUSUM scheme wherein grid connected solar power plant of capacity that can cater to the annual power requirement of one or more segregated agriculture feeders can be installed either through CAPEX or RESCO mode to supply power to that feeder(s) through Central Financial Assistance (CFA) of 30% of Project Cost (under CAPEX mode) or, Rs. 1.05 per MW (under RESCO mode).

Subsequently, in supersession to MNRE OM dated 22.07.2019, MNRE issued the comprehensive Guidelines for Implementation of PM-KUSUM Scheme on 17.01.2024.
 - 3.3. MNRE vide order dated 01.08.2022 waived the condition of the domestic content requirement for solar cells for the feeder level

solarization under Component –C for the projects awarded by the implementing agency on or before 20.06.2023.

- 3.4. The scheme mandates use of indigenously manufactured solar modules and Remote Monitoring of solar power plant through RMS for 25 years. However, MNRE vide office memorandum dated 11.09.2024 extended the waiver of Domestic Content Requirement (DCR) for Solar Cells under Component-C of PM-KUSUM Scheme till 31.03.2024. Further, on 10.03.2023 MNRE exempted from the requirement of procuring Solar PV modules from ALMM.
- 3.5. As per scheme guidelines, feeder level solarization under Component C of PM-KUSUM, the provision under Central Financial Assistance (CFA) is limited to solar capacity for 7.5 HP pumps. However, as per RfS, the CFA has been calculated on basis of per HP annual consumption (1451 units) or calculated on basis of SPV capacity (80% of Power Transformer Capacity), whichever is less.
- 3.6. On 30.08.2022, MNRE sanctioned 1,00,000 grid connected agriculture pumps as targets for FY 2022-23 to the Distribution licensees of Rajasthan (including JdVVNL) for feeder level solarization under Component-C of PM-KUSUM scheme. Subsequently, MNRE vide OM dated 15.09.2023 sanctioned additional 1,00,000 grid connected agriculture pumps for FY 2023-24 target.
- 3.7. Commission vide order dated 11.02.2020 has determined the ceiling tariff applicable under Component A of PM-KUSUM scheme and such prefixed level was to remain applicable upto the capacity of 725 MW.
- 3.8. On 20.01.2023 and 10.02.2023, JdVVNL published Request for Selection (RfS) on e-procurement portal of Rajasthan (eproc.rajasthan.gov.in) vide Tender No. JdVVNL/SE(RA&C)/TN-DSM-01 and Tender No. JdVVNL/SE(RA&C)/ TN-DSM-02 for design, survey, supply, installation, testing, commissioning, operation & maintenance for 25 years (unless extended by both the parties on mutual agreement) from COD of grid connected solar power

plants through RESCO mode, its associated 33 kV OR, 11 kV line to connect the plant with various 33/11 kV sub-stations and RMS of solar power plants for solarization of agriculture consumers connected on 11 kV feeders of various GSS in JdVVNL under KUSUM Scheme – Component C (Feeder Level Solarization).

3.9. Commission issued order dated 21.09.2023 for TN DSM-01 and order dated 24.11.2023 for TN DSM 02.

3.10. On 26.09.2023 and 08.12.2023, JdVVNL awarded the work for the project of 50.89 MW solar power project to the selected RESCO developers under TN-01 and TN-02 of Component-C (Feeder Level Solarization) of PM-KUSUM Scheme.

Saur Krishi Aajivika Yojna (SKAY) under KUSUM Component-C (feeder level solarization)

3.11. Based on the State's experience with implementation of PM-KUSUM Component-A and Pilot project under Component-C (Feeder Level Solarization), The solar power project developers often face the difficulty in identification & procurement of suitable land area, especially, developers / investors coming from outside Rajasthan, who often faces difficulty due to uncertainty associated with land availability and cost. This makes land identification, its procurement and associated cost as the primary and most critical factors for successful setting up of solar power projects.

3.12. On 17.10.2022, Saur Krishi Aajivika Yojna (hereby referred to as "SKAY"), was launched by GoR, a dedicated platform for farmers / land owners and solar power developers to address 'land identification, its procurement and associated cost' related challenge and to boost decentralized distributed solar generation under PM-KUSUM Component-C (Feeder Level Solarization). The objective of SKAY is to utilize State's abundant land resources by giving farmers / land owners an opportunity to lease out their barren / unutilized land on pre-fixed lease basis for setting up of solar power plant.

3.13.The portal developed as above acts as a facilitator, where interested farmers / land owners and solar power plant developers can collaborate to arrange land for a solar power plant on RESCO mode in the vicinity (preferably within 5 km radius) of identified 33/11 kV substations of Rajasthan Discoms as envisaged under PM-KUSUM Component C (Feeder Level Solarization).

3.14.SKAY guidelines, among other things, have the provision that Developer is to pay the agreed lease rent amount as mentioned below to the farmer / land owner or, authorized individual directly as per agreement payable during plant installation and commissioning phase (i.e., 12 months from award of contract along with any extension thereof).

Prevailing DLC rate of Land at the time of registration (Rs. per hectare)	Annual Lease Rent (Rs. per hectare)
Upto 8 lakhs	80,000
More than 8 lakhs and less than 12 lakhs	1,00,000
More than 12 lakhs and less than 20 lakhs	1,40,000
More than 20 lakhs	1,60,000

3.15.Further, as per the SKAY guidelines the Discoms are to pay the applicable land lease rent (as per above schedule along with escalation in lease rent @5% every two years) directly to the registered farmer / land owner or, authorized individual and will recover the same from the monthly energy payables to developer after commissioning of the solar power plant.

3.16.Up to March 2024, the portal had received more than 11 lakhs site-hits and total 752 nos. of farmers / land-owners and 615 developers have shown interest. Further, Joint Survey Report (JSR) of land registered against 569 nos. GSS has been approved.

3.17.JdVVNL has identified 2973 nos. plants with total SPV capacity of 7919.99 MW and the plant wise list has been made available on SKAY portal for land owners / farmers as well as developers.

Tenders floated by JdVVNL for feeder level solarization under PM-KUSUM Component-C :

3.18.JdVVNL floated 63 nos. tenders (TN-04 to TN-66) covering 2158 nos. solar PV power plants with total capacity of 5744.58 MW (against 2158 nos. of SPV plants) to be installed in the vicinity of 1640 nos. of 33/11 kV Substations having 2,77,792 nos. connected agriculture consumers for the purpose of setting up grid connected solar power plant to meet the annual power requirement of feeders using solar energy.

3.19.TN wise breakup of above mentioned 5744.58 MW considered under 63 nos. tender of feeder level solarization is as follows:

S. No.	Row Labels	Number of plants	No of AG Consumers	SPV Capacity (MW)
1	TN-DSM-04	24	3007	60.48
2	TN-DSM-05	26	3404	74.40
3	TN-DSM-06	13	1202	32.76
4	TN-DSM-07	20	4205	50.40
5	TN-DSM-08	23	2899	60.92
6	TN-DSM-09	20	3894	53.36
7	TN-DSM-10	19	3273	53.80
8	TN-DSM-11	31	7231	81.08
9	TN-DSM-12	28	6354	70.56
10	TN-DSM-13	29	7776	81.96
11	TN-DSM-14	25	4381	61.76
12	TN-DSM-15	34	7149	103.44
13	TN-DSM-16	31	5849	79.84
14	TN-DSM-17	25	7918	65.96
15	TN-DSM-18	25	6096	63.00
16	TN-DSM-19	26	7199	67.00
17	TN-DSM-20	20	2006	51.88
18	TN-DSM-21	34	6393	90.12
19	TN-DSM-22	18	2168	55.72
20	TN-DSM-23	25	3960	64.48
21	TN-DSM-24	19	1496	53.80
22	TN-DSM-25	21	1986	54.88
23	TN-DSM-26	46	8924	124.8
24	TN-DSM-27	35	6942	96.56
25	TN-DSM-28	26	6411	71.44
26	TN-DSM-29	29	3882	74.80
27	TN-DSM-30	8	1089	20.16
28	TN-DSM-31	28	3419	63.12
29	TN-DSM-32	29	7479	79.00
30	TN-DSM-33	11	1313	30.68

S. No.	Row Labels	Number of plants	No of AG Consumers	SPV Capacity (MW)
31	TN-DSM-34	9	1264	24.16
32	TN-DSM-35	19	2787	50.84
33	TN-DSM-36	6	454	15.12
34	TN-DSM-37	12	2440	31.72
35	TN-DSM-38	13	4980	34.24
36	TN-DSM-39	26	4068	66.00
37	TN-DSM-40	12	704	31.96
38	TN-DSM-41	31	3548	78.60
39	TN-DSM-42	17	3057	45.80
40	TN-DSM-43	9	1491	22.92
41	TN-DSM-44	7	1163	22.08
42	TN-DSM-45	8	1730	21.64
43	TN-DSM-46	13	2595	30.28
44	TN-DSM-47	51	5711	132.26
45	TN-DSM-48	52	5534	131.44
46	TN-DSM-49	77	5465	201.40
47	TN-DSM-50	66	5001	150.26
48	TN-DSM-51	66	6480	185.02
49	TN-DSM-52	77	8003	213.18
50	TN-DSM-53	88	8171	233.34
51	TN-DSM-54	79	7492	215.72
52	TN-DSM-55	70	6127	197.06
53	TN-DSM-56	69	5395	193.64
54	TN-DSM-57	41	4026	117.96
55	TN-DSM-58	49	3127	140.98
56	TN-DSM-59	49	5498	117.30
57	TN-DSM-60	49	3633	129.26
58	TN-DSM-61	46	3977	125.76
59	TN-DSM-62	50	3359	131.28
60	TN-DSM-63	62	5141	166.38
61	TN-DSM-64	44	3001	122.62
62	TN-DSM-65	69	7609	187.42
63	TN-DSM-66	74	5456	184.78
Grand Total		2,158	2,77,792	5744.58

3.20.The Petitioner has opted for RESCO mode for implementation of the projects.

Outcome of the Bids received against various tenders (TN-04 to TN-66) of JdVVNL

3.21.The levelized tariff for 25 years including all applicable taxes (incl. GST), duties, etc. quoted by the bidders in the price bid for price bid of these Tenders.

Modalities considered by JdVVNL for Solar PV plant wise Levelized Tariff Computation under TN-04 to TN-66 of PM-KUSUM Component-C (Feeder Level Solarization):

3.22. The Petitioner computed solar PV plant wise levelized tariff in line with the MNRE guidelines for Component-C (FLS), RERC (Terms and Conditions for Tariff determination from Renewable Energy Sources) Regulations, 2020' and RERC (Terms and Conditions for Determination of Tariff) Regulations, 2019'.

3.23. The Petitioner while arriving at the capital cost has considered the prevailing market trends including inputs received from solar module manufactures, vendors, bidders during negotiation meetings held by JdVVNL/ other discoms for determination of total project cost.

3.24. Since, all the solar PV plants are of different capacity, the Petitioner has computed the capital cost of each solar PV project comprising of Variable and Fixed component.

3.25. The variable component comprises of cost components which increases proportionately with increase in plant size and hence, defined in Rs. Crores Per MW:

Parameters	Ex-works	Applicable GST (@13.8%)**	Total
Total module cost *	2.04	0.28	2.32
BoP and Civil cost (assuming 26% of total project cost*)	0.88	0.12	1.01
Grid connectivity charges (@ Rs. 2.5 lakhs per MW as per Regulation 89 of RERC (Terms and Conditions for Tariff determination from Renewable Energy Sources) Regulations 2020)	0.03	-	0.03
Other cost (Legal, Contingency, Liason, land development) *	0.05	-	0.05
Total (Rs. Cr)	3.00	0.40	3.41

*As per prevailing market rate & inputs received from bidders

** As per Ministry of Finance notification dated 22.12.2018 and 30.09.2021 of MNRE

3.26. Fixed component comprises of cost components which fixed in nature irrespective of plant size, but linked to connectivity voltage level and hence, defined in Rs. Crores:

- (i) For 11kV level connectivity (for solar PV plants upto 2.55 MW):

Parameters	Ex-works	Applicable GST (@13.8%)	Total
Cost of 11kV connecting line (5 kms)^	0.15	0.02	0.17
Metering system cost ^ - Plant level (main, check, standby)	0.04	0.01	0.05
Breakers cost (both ends of line)	0.10	0.01	0.11
Total	0.29	0.04	0.33

^ As per SoR of Rajasthan Discom

- (ii) For 33kV level connectivity (for solar PV plants above 2.55 MW):

Parameters	Ex-works	Applicable GST (@13.8%)	Total
Cost of 33kV connecting line (5 kms)^	0.53	0.07	0.60
Metering system cost ^ - Plant level (main, check, standby)	0.04	0.01	0.05
Breakers cost (both ends of line)	0.20	0.03	0.23
Total	0.77	0.11	0.87

^ As per SoR of Rajasthan Discom

3.27. Petitioner has considered the following parameters for solar PV projects:

S.No.	Particulars	Value
1.	Useful life	25 years Reg 2.1 of the RERC RE Tariff Regulations, 2020
2.	Debt Equity Ratio	70:30 (Reg 16.1 of the RERC RE Tariff Regulations, 2020)
3.	Capacity Utilization Factor	19% without any derating factor (i.e. fixed for 25 years)(MNRE clarification dated 7.02.2022)
4.	Loan Tenure	14 years (Reg 17.1.1 of the RERC RE Tariff Regulations, 2020 and MNRE guidelines)
5.	Interest Rate	12% per annum (Reg 17.2 of the RERC RE Tariff Regulations, 2020)
6.	Depreciation	4.67% per annum for first 15 years and remaining depreciation shall be spread over the remaining useful life of the project considering the salvage value of the project as 10% of the project cost (Reg 18.3 of the RERC RE Tariff Regulations, 2020)
7.	Return on Equity	16.47% with current rate of 15% MAT for the entire useful life (Reg 19.2 of the RERC RE Tariff Regulations, 2020)

8.	Interest on Working Capital	As per Part-III of the RERC RE Tariff Regulations, 2020 (Reg 20.1)
9.	O& M expenses:	The annual O&M cost @ Rs. 5 lakhs per MW with an annual escalation of 3.84%. (Reg 21.2 & 31.1 of the RERC RE Tariff Regulations, 2020)
10.	Annual cash flow & Discounting Rate	10%
11.	Degradation Factor	2% (for 2nd year) and 0.5% (from 3rd year onwards) as per the prevailing technical norms / manufacturer's Guaranteed Technical Parameters (GTP) and inputs received from bidders

Remote Monitoring System (RMS) for Solar PV project:

3.28. According to the MNRE guidelines dated 04.12.2020 for PM-KUSUM Component-C feeder level solarization RMS is mandatory and the Petitioner has considered the following associated costs with Remote Monitoring System (RMS) for computation of levelized tariff:

- a) Fixed cost: Rs. 75,000 per system with provision for replacement every 8 years (based on market prevailing rates and inputs received from bidders).
- b) Recurring cost: Rs. 100 per month towards internet connectivity for the RMS system.

Central Financial Assistance (CFA) from MNRE:

3.29. As per MNRE guidelines dated 04.12.2020 for PM-KUSUM Component C feeder level solarization:

"... The developer will get CFA @ 30% of the estimated cost of installation of solar power plant i.e. Rs. 1.05 Cr/MW (30% of Rs. 3.5 Cr/MW)..."

3.30. Also, in line with scheme guidelines, the (1451 units) CFA has been calculated on the basis of per HP annual consumption or calculated on the basis of SPV capacity (80% of Power Transformer Capacity), whichever is less.

3.31. Land Lease Rent (as per SKAY modalities)

The Petitioner has considered the annual land lease rent as per following schedule (duly approved by Govt. of Rajasthan) with provision of 5% escalation every two years.

Prevailing DLC rate of Land at the time of registration (Rs. per hectare)	Annual Lease Rent (Rs. per hectare)
Upto 8 lakhs	80,000
More than 8 lakhs and less than 12 lakhs	1,00,000
More than 12 lakhs and less than 20 lakhs	1,40,000
More than 20 lakhs	1,60,000

Impact of variation in Plant capacity, CFA and lease rent on levelized tariff:

3.32. There is significant variation in individual plant capacity, applicable CFA and lease rent for the 1111 nos. Solar PV plants for which bids has been received by JdVVNL under TN-04 to TN-66. Therefore, it is imperative that impact of these factors are given due consideration which evaluating the plant wise levelized tariff.

a. Impact of variation in Solar Power Plant Capacity

3.33. As already highlighted in the 'Capital Cost' part, the complete project cost of a Solar PV project has two components (variable and fixed). Owing to decrease in per MW fixed component, decreasing trend in levelized tariff is followed with increase in Solar PV plant capacity.

b. Impact of variation in applicable CFA

3.34. The Petitioner has observed a negative correlation between levelized tariff and CFA per MW and every Rs. 10 lakhs decrease in applicable CFA for a solar PV power project results in increase of Rs. 0.066 per unit in the levelized tariff.

c. Impact of Annual Land Lease Amount

3.35. The Petitioner has observed following impact of annual lease rent as per SKAY modalities on the levelized tariff:

Prevailing DLC rate of Land at the time of registration (Rs. per hectare)	Annual Lease Rent (Rs. per hectare)	Impact on levelized tariff (Rs. per unit)

Upto 8 lakhs	80,000	0.11
More than 8 lakhs and less than 12 lakhs	1,00,000	0.14
More than 12 lakhs and less than 20 lakhs	1,40,000	0.20
More than 20 lakhs	1,60,000	0.23

3.36.As per Ministry of Finance, Government of India notification No. 8/2021-Integrated Tax (Rate) dated 30.09.2021, applicable GST on Solar Modules & Solar Inverters has increased from 5% to 12%. This has resulted in significant increase in overall project cost and thus, the levelized tariff of a solar PV plant.

3.37.With due consideration, the competent authority of JdVVNL negotiated on the quoted levelized tariff with the bidders within the computed levelized tariff range of 'without lease rent' and 'with maximum lease rent'.

3.38.As a result of above, following status was the outcome under these tenders –

Under these TNs for 1111 nos. (out of total 2158 nos. SPV plants) of Solar PV projects, the respective single bidder / L1 bidder, agreed on a reduced levelized tariff offered after/during the negotiation meeting held on dated 12.02.2024, 27.02.2024, 6.03.2024, 12.03.2024, 14.03.2024, 15.03.2024, 16.03.2024 & 21.03.2024 as per the decision of the competent authority.

3.39.In TN-DSM-10 there was only single bidder who participated in 2 nos. of plants and in TN-DSM-36 there was only single bidders who participated in a single plant. Both bidders did not accept the counteroffer given by JdVVNL during the negotiations.

3.40.Solar PV plant wise final accepted levelized tariff for all TNs is shown below.

List of plants awarded under KUSUM Component-C at JdVVNL , Jodhpur										
S. No.	Tender No.	Circle	Division	Substation wise Plant Name	Substation wise Plant No.	Bidder Name	SPV Capacity (MW)	CFA (Rs. Cr)	Final levelized tariff (Rs./unit)	No. of Ag Consumers
1	TN 04	Jaisalmer	Jaisalmer/Jaisalmer	DEVIKOT (Rasala AG)	Plant No.2	Datta Power	2.52	0.67	3.328	97

List of plants awarded under KUSUM Component-C at JdVVNL , Jodhpur

S. No.	Tender No.	Circle	Division	Substation wise Plant Name	Substation wise Plant No.	Bidder Name	SPV Capacity (MW)	CFA (Rs. Cr)	Final levelized tariff (Rs./unit)	No. of Ag Consumers
2	TN 04	Jaisalmer	Jaisalmer/Jaisalmer	DEVIKOT (Bhokrani)	Plant No.1	Datta Power	2.52	0.90	3.267	131
3	TN 04	Jaisalmer	Jaisalmer/Jaisalmer	SULTANA	Plant No.1	Arjun Singh	2.52	0.95	3.254	138
4	TN 04	Jaisalmer	Jaisalmer/Jaisalmer	DEVIKOT (Sadak KD)	Plant No.3	Datta Power	2.52	1.08	3.22	158
5	TN 04	Jaisalmer	Jaisalmer/Jaisalmer	TIKTIYALI (New Pabnasar)	Plant No.2	Datta Power	2.52	1.28	3.167	186
6	TN 04	Jaisalmer	Jaisalmer/Jaisalmer	TIKTIYALI (New Dangari)	Plant No.1	Datta Power	2.52	1.42	3.131	207
7	TN 05	Jaisalmer	Jaisalmer/Pokaran	MASURIYA (Rupsar)	Plant No.2	Datta Power	4	0.67	3.401	97
8	TN 05	Jaisalmer	Jaisalmer/Pokaran	MASURIYA (Pratappura)	Plant No.1	Datta Power	4	0.91	3.361	132
9	TN 05	Jaisalmer	Jaisalmer/Pokaran	BHANDEWA (Khomthal)	Plant No.1	Datta Power	4	1.34	3.289	195
10	TN 05	Jaisalmer	Jaisalmer/Pokaran	HARIYASAR (Malinath)	Plant No.1	Datta Power	4	1.54	3.256	225
11	TN 05	Jaisalmer	Jaisalmer/Pokaran	HARIYASAR (Naganarai)	Plant No.2	Datta Power	2.52	1.23	3.18	179
12	TN 05	Jaisalmer	Jaisalmer/Pokaran	RAJMATHAI (Bandhewa Ag-Rajmathai)	Plant No.1	Datta Power	2.52	1.26	3.172	184
13	TN 05	Jaisalmer	Jaisalmer/Pokaran	BHHIKORAI	Plant No.1	Datta Power	2.52	1.31	3.159	191
14	TN 05	Jaisalmer	Jaisalmer/Pokaran	BHANDEWA (Mekuba)	Plant No.2	Datta Power	2.52	1.35	3.149	197
15	TN 05	Jaisalmer	Jaisalmer/Pokaran	RAJMATHAI (Dholasar Ag)	Plant No.2	Datta Power	2.52	1.45	3.123	211
16	TN 06	Barmer	Barmer/Balorata	Padru Fanta(Nimbali)	Plant No.1	Bhanwarlal	2.52	0.98	3.246	143
17	TN 07	Barmer	Barmer/Barmer	ADRIK KA TALLA(GOHAR KT)	Plant No.1	Ratan Green	2.52	2.03	2.971	297
18	TN 07	Barmer	Barmer/Barmer	SAROOP KA TALLA .(AGNISHI KI DHANI)	Plant No.1	Ratan Green	2.52	2.31	2.898	337
19	TN 07	Barmer	Barmer/Barmer	BOOTH RATHORAN(BAODI KALLA)	Plant No.1	Kailash Entr.	2.52	2.42	2.87	353
20	TN 07	Barmer	Barmer/Barmer	ITADA(SURPURA)	Plant No.2	Kailash Entr.	2.52	2.64	2.813	406
21	TN 08	Barmer	Barmer/Barmer	NOSAR	Plant No.1	Rama Reflection India	2.52	1.80	3.031	262
22	TN 08	Barmer	Barmer/Barmer	NAND(AADARSH BASTI AND JANIYANWAS)	Plant No.1	Kailash Enterprises	2.52	2.32	2.896	338
23	TN 09	Barmer	Barmer/Siwana	Chado ki Dhani(Galanadi Lunkum)	Plant No.1	MAWARAM SHANKERLAL	2.52	1.19	3.191	173
24	TN 09	Barmer	Barmer/Siwana	GAUSHALA(LOHARANA DA)	Plant No.1	JAGDAMBA INDUSTRIES	4	2.08	3.167	303
25	TN 09	Barmer	Barmer/Siwana	KUNDAL(SHRIYA Devi Nagar)	Plant No.2	MAWARAM SHANKERLAL	2.52	1.833	3.022	267
26	TN 09	Barmer	Barmer/Siwana	Adel(Bhatala Ag)	Plant No.1	RAJKUMARI SINGH	2.52	2.646	2.812	389
27	TN 11	Barmer	Barmer/Gudamalani	BAMARLA(KARTIYA)	Plant No.1	AFC LOGISTICS	2.52	1.35	3.149	564
28	TN 11	Barmer	Barmer/Gudamalani	SEUAN KI BERI(KHARI)	Plant No.1	AFC LOGISTICS	2.52	1.72	3.052	250
29	TN 11	Barmer	Barmer/Gudamalani	SEUAN KI BERI(MITHRA KHURD.)	Plant No.2	AFC LOGISTICS	2.52	1.78	3.036	259
30	TN 11	Barmer	Barmer/Gudamalani	KEKAR(CHOUDHARIYO N-KI-DHANI)	Plant No.1	AFC LOGISTICS	2.52	2.09	2.955	305
31	TN 11	Barmer	Barmer/Gudamalani	ROHILA (EAST)(SUNARO KI DHANI)	Plant No.1	KAILASH ENTERPRISES	2.52	2.41	2.873	351
32	TN 11	Barmer	Barmer/Gudamalani	LUKHU(MISARI KI BERI)	Plant No.1	KAILASH ENTERPRISES	2.52	2.42	2.87	352
33	TN 11	Barmer	Barmer/Gudamalani	KEKAR(KARTIYA "B")	Plant No.2	KAILASH ENTERPRISES	2.52	2.64	2.813	196
34	TN 11	Barmer	Barmer/Gudamalani	Bor Charnan(Bor charnana)	Plant No.1	KAILASH ENTERPRISES	2.52	2.64	2.813	403

List of plants awarded under KUSUM Component-C at JdVVNL , Jodhpur

S. No.	Tender No.	Circle	Division	Substation wise Plant Name	Substation wise Plant No.	Bidder Name	SPV Capacity (MW)	CFA (Rs. Cr)	Final levelized tariff (Rs./unit)	No. of Ag Consumers
35	TN 12	Barmer	Barmer/Gudamalani	DEV NAGAR(Bhamoth)	Plant No.1	SATYAM ENTERPRISES	2.52	1.65	3.07	241
36	TN 12	Barmer	Barmer/Gudamalani	Loonwa(Loonwa Jagir)	Plant No.1	KAILASH ENTERPRISES	2.52	2.43	2.867	354
37	TN 12	Barmer	Barmer/Gudamalani	Malpura(Methi Beri)	Plant No.1	KAILASH ENTERPRISES	2.52	2.57	2.831	375
38	TN 12	Barmer	Barmer/Gudamalani	Sallu Ki Dhani(Artwaw)	Plant No.1	KAILASH ENTERPRISES	2.52	2.59	2.826	377
39	TN 12	Barmer	Barmer/Gudamalani	Ramji ka Gol(Gandhaw)	Plant No.1	KAILASH ENTERPRISES	2.52	2.64	2.813	391
40	TN 13	Barmer	Barmer/Gudamalani	PANDHI KA NIWAN(FAKIRO KA NIWAN)	Plant No.1	Ultravibrant Solar Energy	2.52	2.17	2.935	316
41	TN 13	Barmer	Barmer/Gudamalani	SONARI(SONARI. NADI)	Plant No.1	Kailash Enterprises	2.52	2.64	2.813	395
42	TN 13	Barmer	Barmer/Gudamalani	AKAL(OGALA)	Plant No.1	Rama Reflection JV MECPOWER	2.52	2.64	2.813	406
43	TN 13	Barmer	Barmer/Gudamalani	DHOLKIYA	Plant No.1	Rama Reflection JV MECPOWER	2.52	2.64	2.813	395
44	TN 13	Barmer	Barmer/Gudamalani	FAGALIYA(GANGASARI YA)	Plant No.1	Rama Reflection JV MECPOWER	2.52	2.64	2.813	391
45	TN 13	Barmer	Barmer/Gudamalani	SATTA(MADAVA 24 HR)	Plant No.1	Rama Reflection JV MECPOWER	4.00	4.20	2.819	736
46	TN 13	Barmer	Barmer/Gudamalani	SATTA(OLD SEDWA)	Plant No.2	Rama Reflection JV MECPOWER	4.00	4.20	2.819	688
47	TN 14	Jalore	Jalore/Bhinmal	Narta(Narta)	Plant No.1	Rama Reflection India	2.52	1.77	3.039	258
48	TN 14	Jalore	Jalore/Bhinmal	Modra(Serana)	Plant No.1	M/s Om Prakash Bishnoi	2.52	1.92	3.000	279
49	TN 14	Jalore	Jalore/Bhinmal	SEMKARI MATA(DHANWARA AG)	Plant No.1	Rama Reflection India	2.52	2.10	2.953	306
50	TN 15	Jalore	BHINMAL	Bagoda(Bokarnada)	Plant No.2	Jogmaya Electro Construction JV Jagdamba Industries	4.00	1.76	3.219	256
51	TN 15	Jalore	BHINMAL	Bagoda(Bhagoti)	Plant No.1	Jogmaya Electro Construction JV Jagdamba Industries	4.00	1.88	3.2	274
52	TN 15	Jalore	BHINMAL	Bali(juni Bali-Bali)	Plant No.1	BNK Energy	2.52	1.06	3.225	155
53	TN 15	Jalore	BHINMAL	Bali(Nai Bali-Bali)	Plant No.2	Safekeeper Solutions	2.52	2.57	2.831	375
54	TN 15	Jalore	BHINMAL	Bhadvi(Gorsiyon ki Dhani)	Plant No.1	Pankaj Khileri	2.52	1.10	3.18	160
55	TN 15	Jalore	BHINMAL	Bhalni(Hapu ki Dhani)	Plant No.1	Mrs. Pallav w/o Devichand	4.00	2.59	3.082	378
56	TN 15	Jalore	BHINMAL	Devda ka Goliya(Wair)	Plant No.1	RAMA Reflection India	2.52	2.21	2.924	322
57	TN 15	Jalore	BHINMAL	Nawapura(Ramdev Ag.)	Plant No.2	Satyam Enterprise	2.52	1.57	3.091	228
58	TN 15	Jalore	BHINMAL	Sariyana(Sariyana)	Plant No.1	BNK Energy	2.52	0.91	3.265	133
59	TN 16	Jalore	Jalore/Jalore	Siyana(Dewada)	Plant No.2	S S Cottex	2.52	1.35	3.149	197
60	TN 16	Jalore	Jalore/Jalore	Rama(RAMA AG 2ND)	Plant No.1	Hari Singh	2.52	1.61	3.081	235
61	TN 16	Jalore	Jalore/Jalore	Siyana(Chandana)	Plant No.1	S S Cottex	2.52	2.11	2.95	307

List of plants awarded under KUSUM Component-C at JdVVNL , Jodhpur

S. No.	Tender No.	Circle	Division	Substation wise Plant Name	Substation wise Plant No.	Bidder Name	SPV Capacity (MW)	CFA (Rs. Cr)	Final levelized tariff (Rs./unit)	No. of Ag Consumers
62	TN 16	Jalore	Jalore/Jalore	Leta(DHAWALA)	Plant No.1	Rama	2.52	2.20	2.927	321
63	TN 16	Jalore	Jalore/Jalore	Godan(SAMUJA)	Plant No.1	Rama	2.52	2.26	2.911	329
64	TN 16	Jalore	Jalore/Jalore	DeGaon(Dudsi)	Plant No.1	Rama	2.52	2.31	2.898	337
65	TN 16	Jalore	Jalore/Jalore	MAYLAWAS(MedaUparla)	Plant No.1	S S Cottex	2.52	2.58	2.829	376
66	TN 17	Jalore	Jalore/Raniwara	Gang(Heerpura)	Plant No.1	RAMA REFLECTION	2.52	2.44	2.865	356
67	TN 17	Jalore	Jalore/Raniwara	Aakroad(Silasan ag)	Plant No.1	RAMA REFLECTION	2.52	2.64	2.813	567
68	TN 17	Jalore	Jalore/Raniwara	Bawanwada(Roopwati)	Plant No.1	RAMA REFLECTION	2.52	2.64	2.813	385
69	TN 17	Jalore	Jalore/Raniwara	Dhanol(Kairli)	Plant No.1	RAMA REFLECTION	2.52	2.64	2.813	556
70	TN 17	Jalore	Jalore/Raniwara	Malwada(Daulatpura)	Plant No.1	RAMA REFLECTION	2.52	2.64	2.813	481
71	TN 17	Jalore	Jalore/Raniwara	RAMPURA(RODA AG)	Plant No.1	RAMA REFLECTION	2.52	2.64	2.813	406
72	TN 17	Jalore	Jalore/Raniwara	Ratanpura(Kumaria)	Plant No.1	RAMA REFLECTION	2.52	2.64	2.813	521
73	TN 17	Jalore	Jalore/Raniwara	Jhakadi(Jakhadi Ag Ker)	Plant No.1	RAMA REFLECTION	2.52	2.64	2.813	677
74	TN 17	Jalore	Jalore/Raniwara	Badgaon(garbaiya ag)	Plant No.1	RAMA REFLECTION	4.00	4.20	2.819	769
75	TN 18	Jalore	Jalore/Raniwara	Kantol(Jhod Dhora)	Plant No.1	Shree Rani Sati TradeCorp	2.52	1.12	3.209	163
76	TN 18	Jalore	Jalore/Raniwara	Panchala(Bali Kheda)	Plant No.1	HQ Lamps Manufacturing	2.52	1.46	3.12	212
77	TN 18	Jalore	Jalore/Raniwara	Panchala(Khaprol Ki Dhani/Tukda)	Plant No.2	HQ Lamps Manufacturing	2.52	1.48	3.115	216
78	TN 18	Jalore	Jalore/Raniwara	Sarnau(Vashan Devada)	Plant No.2	HQ Lamps Manufacturing	2.52	1.70	3.057	247
79	TN 18	Jalore	Jalore/Raniwara	Sarnau(Data)	Plant No.1	HQ Lamps Manufacturing	2.52	1.89	3.008	275
80	TN 18	Jalore	Jalore/Raniwara	Data(Data Ag.)	Plant No.1	Rama Reflection	2.52	1.92	3	279
81	TN 18	Jalore	Jalore/Raniwara	Kagmala(BILAD)	Plant No.1	Rama Reflection	2.52	2.28	2.906	332
82	TN 18	Jalore	Jalore/Raniwara	Chandur(Faidani)	Plant No.1	Rama Reflection	2.52	2.42	2.87	353
83	TN 18	Jalore	Jalore/Raniwara	Puran(Dhanpura-Puran)	Plant No.1	Hotel Kailash	2.52	2.47	2.857	360
84	TN 18	Jalore	Jalore/Raniwara	Pawli(Bhateshwar Ag.)	Plant No.1	Hotel Kailash	2.52	2.64	2.813	438
85	TN 18	Jalore	Jalore/Raniwara	Rajpura(Dantalawas)	Plant No.1	Hotel Kailash	2.52	2.64	2.813	673
86	TN 18	Jalore	Jalore/Raniwara	Doerda(Doerda Ag.)	Plant No.1	Kailash Enterprises	2.52	2.64	2.813	421
87	TN 18	Jalore	Jalore/Raniwara	PANSERI(Dhanpura-PANSERI)	Plant No.1	Rama Reflection	2.52	2.64	2.813	520
88	TN 18	Jalore	RANIWARA	Pawli(Bhutariya Ag.)	Plant No.2	VG Electronics	2.52	1.87	3.013	273
89	TN 19	Jalore	Jalore/ Scnahore	Dungri (Kiyar Banda Kua)	Plant No.1	Midland Applicances	2.52	2.09	2.955	305
90	TN 19	Jalore	Jalore/ Scnahore	Tampi(Duthwa)	Plant No.2	Midland Applicances	2.52	2.64	2.813	462
91	TN 19	Jalore	Jalore/ Scnahore	Tampi(Dungri-Tampi)	Plant No.1	Midland Applicances	2.52	2.64	2.813	556
92	TN 19	Jalore	Jalore/ Scnahore	Dungri (Sesawa)	Plant No.2	Rama Reflection	2.52	2.64	2.813	386