भारत सरकार
Government of India
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
वितरण प्रबोधन प्रभाग
Distribution Monitoring Division

No. 06/06/CEADM(Award Fy18)/2019 **Dated : 22.01.2019**

To

CMDs of Discoms /power deptts (as per list)

Subject: Request for proposal for Comprehensive Award Scheme(s) for the Discoms/power deptts and Rural Distribution Franchisees (RDFs) for the year 2017-18

Sir,

Ministry of Power proposing to institute Comprehensive Award Scheme for Power Sector for meritorious performance in Generation, Transmission and Distribution Sectors for the year 2017-18 shortly (along with for 2014-15 to 2016-17). The proposal from the eligible Discoms/power deptts and Rural Distribution Franchisees (RDFs) in distribution sector consideration for the year 2017-18 is being requested an urgent basis, latest by 10th February 2019, as below :

Sr. No.	Category	eligibility	Format applicable
1	**Govt. Discoms**	AT&C losses 25% or less, during the year 2017-18 and other criteria.	**RF1**
2	**Private Discoms**	AT&C loss of 15% or less during the year 2017-18 and other criteria.	**RF2**
3	**RDFs**	AT&C losses 25% or less during the year 2017-18 and other criteria.	**RF3**

The Revised Award Scheme containing the detailed eligibility criteria and formats for submission of data in this regard are attached herewith. The same are also available on the website of CEA (www.cea.nic.in).

All the eligible Discoms/power deptts in distribution sector and franchisees who are willing to participate are requested to furnish the proposal as per the revised formats as mentioned above, to this office latest by 10th February 2019. It is further requested that the proposal containing the relevant format for capturing the data duly filled in MS-Excel worksheet may be submitted by e-mail to award201415@gmail.com.

It may also be noted that the concerned Discoms/power deptts in distribution sector will have to identify three best performing RDFs in his area as per format at Format-RF3. For this purpose, the distribution licensee will have to seek information from all the RDFs in his area (as per Format-RF3).

It is also desirable that a note covering profile, best practices adopted by the Discoms/power deptts or the RDFs, as the case may be, along with relevant photographs and documents such as capex, reliability index etc. as requested in the formats may also be submitted. You

may also kindly nominate a Nodal Officer for all future correspondence in the matter whose name, designation, contact phone numbers, fax numbers and e-mail id may also be conveyed along with proposal.

Yours faithfully,

24.01.19

(Sunil Kumar Jain)
Director (DM)
Tel. Phone-26106685

End: as above

सेवा भवन, आर के पुरम-1, नई दिल्ली -110066 टेलीफैक्स : 011-26715396/26732607 वेबसाइट: www.cea.nic.in
Sewa Bhawan, R. K. Puram-1, New Delhi-110066 ई-मेल/E-mail: cepfacea@rediffmail.com, ce.pfam.cea@gov.in

Mailing list for award scheme for distribution 2016-17

NR

1. Managing Director, Dakshin Haryana Bijli Vitran Nigam Ltd (DHBVNL), Hissar (Haryana)
2. Managing Director, Uttar Haryana Bijli Vitran Nigam Ltd. (UHBVNL), Panchkula (Haryana)
3. Commissioner Secretary (Power), Power Development Department, (PDD J&K), Govt. of J & K, Jammu (J&K)
4. Chairman, Punjab State Power Corporation Limited (PSCL), Patiala (Punjab)
5. Chairman, Himachal Pradesh State Electricity Board Limited (HPSEB Ltd), Shimla (HP)
6. Managing Director, Ajmer Vidyut Vitran Nigam Ltd. (AVVNL), Ajmer (Rajasthan)
7. Chairman & Managing Director, Jaipur Vidut Vitran Nigam Ltd (JVVNL), Jaipur (Rajasthan)
8. Chairman & Managing Director, Jodhpur Vidyut Vitran Nigam Ltd. (JVVNL), Jodhpur (Rajasthan)
9. Chief Executive Officer, BSES Yamuna Power Ltd. (BYPL), Delhi
10. Chief Executive Officer, BSES Rajdhani Power Ltd. (BRPL), New Delhi
11. Chief Executive Officer, Tata Power Delhi Distribution Ltd. (TPDDL), Delhi
12. Chief Engineer (Electrical), New Delhi Municipal Council (NDMC), New Delhi
13. Managing Director, Paschimanchal Vidhyut Vitran Nigam Ltd. (PWNL), Meerut (UP)
14. Managing Director , Poorvanchal Vidyut Vitran Nigam Ltd, Varanasi (UP)
15. Managing Director, Kanpur Electric Supply Company Ltd (KESCO), Kanpur (Uttar Pradesh
16. Managing Director, Madhyanchal Vidhyut Vitran Nigam Ltd.(MVVNL), Lucknow (UP)
17. Managing Director, Dakshinanchal Vidyut Vitran Nigam Ltd. (DVVNL), Agra (UP)
18. Managing Director, Noida Power Company Ltd. (NPCL), Greater Noida City (UP)
19. Superintending Engineer, Electricity Department, UT of Chandigarh
20. Chairman & Managing Director, Uttranchal Power Corporation Ltd. (UPCL), Dehradun (Uttranchal)

ER

21. Managing Director, North Bihar Power Distribution Com. Ltd., Patna (Bihar)
22. Managing Director, South Bihar Power Distribution Com. Ltd., Vidyut Bhawan, Bailey Road, Patna (Bihar)
23. Managing Director, Southern Electricity Supply Company Limited (SOUTHCO), Orissa
24. Managing Director, Western Electricity Supply Company Limited (WESCO), Orissa
25. Managing Director, North-Eastern Electricity Supply Company Limited (NESCO), Balasore (Orissa)
26. Chief Executive Officer, Central Electricity Supply Company Limited (CESCO), Bhubaneshwar, (Orissa)
27. Chairman & Managing Director, West Bengal State Electricity Distribution Company Ltd (WBSEDCL), Kolkata (WB)
28. Chairman, The Durgapur Projects Ltd (DPL), Kolkata, West Bengal
29. Chairman, Damodar Valley Corporation(DVC), DVC HEADQUARTERS, DVC Towers, Kolkata
30. Executive Director, Calcutta Electric Supply Company Limited (CESC), CESC House, Kolkata (WB)
31. CEO, DPSCL, Plot No.- X1- 2 & 3 Block EP, Sector-V, Salt Lake, Kolkata - 700 091
32. Chairman, Jharkhand State Electricity Board (JSEB), Ranchi (Jharkhand)

33. Managing Director, JUSCO, Jamshedpur, Jharkhand
34. Chief Engineer (HQ), Energy & Power Department, Gangtok, Sikkim

NER

35. Chairman and Managing Director, Assam Power Distribution Company Limited (APDCL), Guwahati, Assam — India
36. Chairman, Meghalaya Energy Corporation Limited (MeECL), Shillong (Meghalaya)
37. Managing Director, Manipur State Power Distribution Company Limited (MSPDCL), Manipur
38. Chief Engineer, Power & Electricity Department, Government of Mizoram, Aizwal (Mizoram)
39. Chief Engineer, Department of Power, Government of Nagaland, Kohima (Nagaland)
40. Chairman & Managing Director, Tripura State Electricity Corporation Limited, Agartala (Tripura)
41. Chief Engineer (Power), Power Department, Government of Arunachal Pradesh, Itanagar (Arunachal Pradesh)

WR

42. Chairman & Managing Director, M.P. Paschim Kshetra Vidut Vitran Company Ltd. (MP Paschim KVVNL), Indore (MP)
43. Chairman & Managing Director, M.P. Poorvi Kshetra Vidut Vitran Company Ltd. (MP Poorvi KVVNL), Jabalpur (MP)
44. Chairman & Managing Director, M.P. Madhya Kshetra Vidut Vitran Company Ltd. (MP Madhya KVVNL), Bhopal (MP) 462023
45. Chairman & Managing Director, Paschim Gujarat Vij Company Ltd. (PGVCL), Rajkot (Gujarat)
46. Chairman & Managing Director, Madhya Gujarat Vij Company Ltd. (MGVCL), Vadodara (Gujarat)
47. Chairman & Managing Director, Uttar Gujarat Vij Company Ltd. (UGVCL), Mehsana (Gujarat)
48. Chairman & Managing Director, Dakshin Gujarat Vij Company Ltd. (DGVCL), Surat (Gujarat)
49. Chairman & Managing Director, Torrent Power Ltd, Ahmedabad (Gujarat)
50. Chairman & Managing Director, Chhattisgarh State Power Distribution Company Ltd, Raipur (Chhattisgarh)
51. Chairman & Managing Director, Maharastra State Electricity Distribution Company Limited (MSEDCL), Mumbai
52. Chairman, Reliance Energy Ltd. (REL), Mumbai (Maharashtra)
53. Chairman, Brihan Mumbai Electric Supply & Transport Undertaking (BEST), Mumbai (Maharashtra)
54. Chairman, Tata Power, Mumbai (Maharashtra)
55. Chief Engineer (Electrical), Electricity Department, Government of Goa, Panaji (Goa)
56. Executive Engineer, Electricity Department, Administration of Dadra & Nagar Haveli (D&NH), Silvassa
57. Executive Engineer, Electricity Department, Administration of Daman & Diu, Moti Daman

58. Managing Director, Andhra Pradesh East Power Distribution Company Ltd.,, House No. 30-14-9, Sarasvati Park, DABA Garden, Vishakapatnam (AP) 530020
59. Managing Director, Andhra Pradesh South Power Distribution Company Ltd., House No. 19-3-13(M), Renugunitta Road, Tirupati (AP) 517501

60. Managing Director, North Power Distribution Company of Telangana Ltd., H.No: 2-5-31/2, Corporate Office, Vidyut Bhavan, Nakkalgutta, Hanamkonda, Warangal-506001
61. Managing Director, South Power Distribution Company of Telangana Ltd., Corporate Office : #6-1-50, Mint Compound, HYDERABAD-500 063, Telangana
62. Chairman & Managing Director, Bangalore Electricity Supply Company Ltd. (BESCOM), Corporate Office, K.R. Circle, Bangalore, (Karnataka) 560001
63. Managing Director, Mangalore Electricity Supply Company Ltd. (MESCOM), Corporate Office, Paradigm Plaza, A.B. Shetty circle, Mangalore (Karnataka) 575001
64. Managing Director, Hubli Electricity Supply Company Ltd. (HESCOM), Corporat Office, Navanagar, P.B. Road, Hubli (Karnataka) 580025
65. Managing Director, Gulbarga Electricity Supply Company Ltd. (GESCOM), Gulbarga Main Road, Gulbarga (Karnataka) 585102
66. Managing Director, Chamundeshwari Electricity Supply Corporation Ltd (CESCOM),Corporate Office, No. 927, L J Avenue, New Kanthraj Urs Road , Saraswathipuram, Mysore (Karnataka) 570009
67. Managing Director, Kerala State Electricity Board (KSEB), Vidyuithi Bhavanam, Pattom, Thiruvananthapuram, (Kerala) 695004
68. Executive Director, Kanan Devan Hills Plantations Co. (P), Ltd., KDHP House, Munnar-685612
69. Chairman, Tamil Nadu Generation and Distribution Corporation Limited, 800, NPKR Ramasamy Maligai, Annasalai, Chennai — 600002, Tamilnadu
70. Executive Engineer, Divisional Office, Lakshadweep Electricity Department, Kavaratti Island, UT of Lakshadweep, Pincode — 682555,lk-ktelect(a)nic(dot)in
71. Superintending Engineer-I, Electricity Department, Gingee Salai, Government of Puducherry, Puducherry 605001
72. Superintending Engineer, Electricity Department, Andaman & Nicobar Administration, Port Blair . 744101

Scheme code : RF-1

Performance Award Scheme for Government owned Distribution Companies for the consideration year 2016-17

1.0 Preamble

This scheme has been formulated in which the awards will be given to the **three best performing Government owned Distribution Companies (Govt Discoms)** in the country on the basis of predefined specific criteria.

2.0 Objective

The Electricity distribution sector has been identified as a key area for the improvement of economy of the country. This Award scheme is intended to promote, encourage and recognize the efforts of the **Govt Discoms** to improve the efficiency of electricity distribution system in their area of supply.

3.0. Nature of Award

Three best performing distribution companies in the country will be awarded with shields (Gold, Silver and Bronze respectively) in recognition of their performance improvement **in the category of Govt Discoms**.

The performance of Distribution Companies would be judged for **the category- Govt Discoms** on the basis of the evaluation criteria laid down in Annexure**-I**. These parameters would be reviewed based on the progress made by the distribution company in respect of improvement of their electricity distribution system. The parameters given here would be valid till the same are modified by Central Electricity Authority (CEA).

4.0 Eligibility

i) All the distribution companies having valid electricity distribution license by the Appropriate Electricity Regulatory Commission (ERC) engaged in the business of electricity distribution for consumers, are eligible for award. However, those Electricity Departments who have not carried out un-bundling as per Electricity Act 2003 shall not be eligible.

ii) **Govt Discoms** having AT&C losses 25% or less shall only be eligible for the award.

5.0 Evaluation Criteria

5.1 The evaluation criteria shall be based on the following parameters:

Parameter	Maximum Marks
▪ AT&C loss reduction	25
▪ Financial turnaround	15
▪ Metering	15
▪ Power Supply and Reliability	15
▪ Demand Side Management (DSM)	20
▪ Consumer care and Safety	10
Total marks	**100**

The total marks awarded in the above manner will be given weightage depending upon the number of consumers served by the Distribution Company and percentage (%) electricity sales at LT

(230/415 V) level out of the total sales of the Distribution Company. Maximum weightage would be given to the Distribution Company whose consumer base is maximum and whose % electricity sales at LT level (230/415 V) are maximum. A multiplying factor in the range of 0.7 to 1.0 shall be given on pro-rata basis depending upon the number of consumers and % LT sales of the Discom. The multiplying factor will be calculated as under:

Multiplying factor=

$$0.7 + 0.15 \times \left(\frac{\text{No.of consumers of the DISCOM} - \text{Minimum No.of consumers in the range}}{\text{Maximum No.of consumers in the range} - \text{Minimum No.of consumers in the range}}\right) +$$

$$0.15 \times \left(\frac{\%\ \text{LT sales of the DISCOM} - \text{Minimu}\quad \%\ \text{LT sales in the range}}{\text{Maximum}\ \%\ \text{LT sales in the range} - \text{Minimum}\%\ \text{LT sales in the range}}\right)$$

Total marks awarded= Marks awarded (out of 100 on the basis of above parameters) x Multiplying factor

5.2 In case partial data is received from any distribution company no marks shall be assigned to the parameter for which full data is not received.

5.3 These parameters have been further sub-divided into various factors as detailed in **Annexure-I**. The evaluation shall be made on the basis of the criteria given in **Annexure-I.**

6.0 Data Requirement

The Distribution companies shall submit the data in the prescribed Performa as per **Annexure-II** to CEA by the specified date.

7.0 Time Schedule for Submission of Data

The year for which award is being considered shall be referred as the consideration year. Last date for submission of data for award for the consideration year 2016-17 is 30th September, 2017 unless extended.

8.0 Nodal Division

All correspondence pertaining to the scheme shall be made in electronic form as well as in hard copy form to:

Chief Engineer (PFAM)
Central Electricity Authority
Room No. 629, 6th Floor (North Wing), Sewa Bhawan, R.K. Puram-I
New Delhi-110066
Tele Fax 011-26715396

Email award201415@gmail.com

ANNEXURE-I

Evaluation Criteria for Award Scheme for Best Performing Government owned Distribution Companies

Qualifying Bench Mark for the Award:-

Only those **Govt Discoms** who have AT&C losses of 25% or less in the year 2016-17 (herein after termed as Maximum limit of AT&C losses) shall qualify for the scheme.

Parameters for evaluation shall be as below:

1.0 AT&C Losses: **Maximum marks =25**

The marks shall be based on:

i) Percentage value of AT&C Losses (based on UDAY MOU or MOP target as the case may be)
ii) Percentage reduction in AT&C losses compared to previous year (i.e. in 2016-17 as compared to 2015-16).

1.1 Percentage AT&C Loss (in the consideration year 2016-17) **Maximum marks = 10**

Based on the eligible proposals received, their percentage AT&C losses would be listed. The utilities would be awarded marks based on the following formula:

Marks awarded = Max Marks x (Max Limit of % AT&C Loss – Utility's % AT&C Loss)/ (Max Limit of % AT&C Loss – Minimum achievable value of % AT&C loss)

Note: Maximum & Minimum achievable value of AT&C losses for the consideration year has been kept as 25% & 7.0% respectively.

Utility with % AT&C loss equal to or less than the minimum achievable value of AT&C loss i.e. 7.0% would be awarded a maximum of 10 marks. Rest of the utilities would be awarded marks based on the above formula. Example is as under:

Utility	**AT&C loss (%)**
A	16
B	20
C	07
D	06

Utility		**Marks**
A	=	10 x (25-16)/(25-7)=5
B	=	10 x (25-20)/(25-7)= 2.78
D	=	10 x (25-6)/(25-7)= 10.55 (Since maximum Marks are 10, marks awarded=10)

1.2 PERCENTAGE AT&C LOSS REDUCTION IN CONSIDERATION YEAR AS COMPARED TO PREVIOUS YEAR **Maximum marks= 10**

Based on the eligible proposals received, their percentage AT&C losses would be listed. Utilities would be awarded marks on the basis of the following criteria :

a) Utility with negative percentage point reduction in AT&C losses would get 0 marks.
b) Other utilities would be awarded marks on the basis of the following formula:
Marks awarded=10 x (utility's percentage reduction in AT&C losses)/ (maximum percentage reduction in AT&C losses in the range)

Utility with maximum percentage reduction would get a maximum of 10 marks. Example is as under:

Utility	AT&C loss (%)in 2015-16	AT&C loss (%) in 2016-17	Percentage reduction in AT&C loss(%)	Marks awarded
	(X_1)	(X_2)	(X_1-X_2)*100/X_1	
A	16	15	6.25	1.88
B	15	10	33.33	10.0
C	8.0	9	-12.5	0.0
D	5	4	20.00	6.0
E	13	9	30.77	9.23

NOTE: *1) In case of a newly formed distribution company that has started operating from the consideration year i.e.2016-17 and has not been able to furnish data on AT&C losses for the last year i.e. 2015-16, but whose AT&C losses in the consideration year are 15% or less shall be awarded 5 marks.*

2) Any Change in AT&C losses reported of previous years shall be clearly mentioned with proper reasons

3) AT&C losses reported shall mandatorily include transmission and distribution losses of Discom area.

1.3 IT Enablement of Feeders — Maximum Marks= 5

Cut-off level of IT Enablement of Feeders as on 31.03.2017: is 80%

In this category utility having the highest percentage of IT enablement of Feeders shall be awarded full marks and other utilities shall be awarded marks on pro-rata basis. Utility with less than 80% IT enablement of Feeders shall not be awarded any mark under this category.

Marks awarded = Max marks x (Utility's % IT enablement of Feeders - cut-off level of % IT enablement of Feeders)/(Max value of % IT enablement of Feeders - cut-off level of % IT enablement of Feeders)

Example	**Utility**	**IT enablement of Feeders (%)**
	A	87
	B	92
	C	94

Utility C having highest percentage of IT enablement of Feeders shall get full 05 marks and marks to other utilities shall be awarded on pro-rata basis as under:

Example:	**Utility**		**Marks**
	A	=	5x (87-80) / (94-80) =0.0
	B	=	5x (92-80) / (94-80) =2.50

2.0 FINANCIAL TURN AROUND: Maximum marks = 15

The marks shall be based on:

i) Ratio of revenue earned to total expenditure
ii) Average cost of supply (on input energy basis)

2.1 Ratio of revenue earned to total expenditure (in the consideration year 2016-17)

Maximum marks = 10

The financial turnaround will be seen as a ratio of revenue earned to total expenditure (including power purchase cost, employee cost, Administrative & General and Repair & maintenance expenses, depreciation, ROE, interest etc.) of the Distribution Company. The Distribution Company who has the highest ratio will get full marks (10) and others on pro-rata basis:

Example:

Utility	Ratio
A	1.05
B	0.97
C	0.95
D	0.87

Utility A having the highest ratio as described above shall be awarded full 10 marks.

Marks awarded = Max marks x Utility's ratio / Max ratio in the range
Utility B would get 10 x 0.97 / 1.05=9.24
Utility C would get 10 x 0.95 / 1.05=9.05
Utility D would get 10 x 0.87 / 1.05=8.29

2.2 Average cost of supply (Rs/kWh) (during 2016-17): Maximum marks = 5

Average cost of supply(ACS) in Rs/kWh(on input energy basis) will be seen as the ratio of total expenditure (including power purchase cost, employee cost, administrative & general and repair & maintenance expenses, depreciation, ROE, interest etc.) of the distribution company to the total input energy in the licensed area (including self-generation).

The distribution company who has the lowest ratio will get full marks (5) and others on pro-rata basis.

Example:

Utility	ACS
A	3.80
B	2.00
C	3.30
D	4.00

Utility B having the lowest ACS as described above shall be awarded full 5 marks.

Marks awarded = Max marks x Min. ACS in the range/ Utility's ACS
Utility A would get 5 x 2.00 / 3.80=2.63
Utility C would get 5 x 2.00 / 3.30=3.03
Utility D would get 5 x 2.00 / 4.00=2.50

3. Metering: Maximum marks = 15

The marks for metering [Distribution Transformer metering, Consumer metering (other than agricultural consumers,) Feeder metering, agricultural consumer metering and Introduction of Smart meters] shall be awarded based on the percentage metering achieved over and above the cut-off level on pro-rata basis. The company who has achieved less than the cut-off level in a particular category shall get zero marks in that category.

3.1 DT Metering Maximum Marks= 3

Cut-off level of DT metering as on 31.03.2017: is 80%

In this category utility having the highest percentage of metering shall be awarded full marks and other utilities shall be awarded marks on pro-rata basis. Utility with less than 80% metering shall not be awarded any mark under this category.

Marks awarded = Max marks x (Utility's % DT metering - cut-off level of % DT metering)/(Max value of % DT metering- cut-off level of % DT metering)

Example	**Utility**	**DT Metering (%)**
	A	87
	B	92
	C	94

Utility C having highest percentage of DT metering shall get full 03 marks and marks to other utilities shall be awarded on pro-rata basis as under:

Example:	**Utility**		**Marks**
	A	=	3x (87-80) / (94-80) =1.50
	B	=	3x (92-80) / (94-80) =2.57

3.2 Feeder metering Maximum Marks= 3

Cut-off level of Feeder metering as on 31.03.2017: is 80%

In this category utility having the highest percentage of metering shall be awarded full marks and other utilities shall be awarded marks on pro-rata basis. Utility with less than 80% metering shall not be awarded any mark under this category.

Marks awarded = Max marks x (Utility's % Feeder metering - cut-off level of % Feeder metering)/(Max value of % Feeder metering - cut-off level of % Feeder metering)

Example	**Utility**	**DT Metering (%)**
	A	87
	B	92
	C	94

Utility C having highest percentage of DT metering shall get full 03 marks and marks to other utilities shall be awarded on pro-rata basis as under:

Example:

Utility		Marks
A	=	3x (87-80) / (94-80) =1.50
B	=	3x (92-80) / (94-80) =2.57

3.3 Consumer Metering (other than agricultural consumers) Maximum Marks = 3

Cut-off level of consumer metering as on 31.03.2017: 90%

In this category utility with highest percentage of metering shall be awarded full marks and marks to other utilities shall be awarded on pro-rata basis. Utility with less than 90% metering shall not be awarded any mark under this category.

Marks awarded = Max marks x (Utility's % consumer metering- cut-off level of % consumer metering)/(Max value of % consumer metering - cut-off level of % consumer metering)

Example:

Utility	Metering %
A	97
B	100
C	94

Utility B having highest percentage of consumer metering shall get full 03 marks and marks to other utilities shall be awarded on pro-rata basis as under:

Utility	Marks awarded
A	3 x (97-90) / (100-90) = 2.1
C	3 x (94-90) / (100-90) = 1.2

3.4 Agricultural Consumer Metering Maximum Marks = 3

Cut-off level of consumer metering at the end of the consideration year: 40%

In this category utility with highest percentage of metering shall be awarded full marks and marks to other utilities shall be awarded on pro-rata basis. Utility with less than 40% metering shall not be awarded any mark under this category.

Marks awarded = Max marks x (Utility's % Agricultural consumer metering- cut-off level of % Agricultural consumer metering)/(Max value of % Agricultural consumer metering -cutoff level of % Agricultural consumer metering)

Example:

Utility	Agricultural Consumer Metering %
A	67
B	90
C	40

Utility B having highest percentage of agricultural consumer metering shall get full 03 marks and marks to other utilities shall be awarded on pro-rata basis as under:

Utility	Marks awarded
A	3 x (67-40) / (90-40) = 1.60
C	3 x (40-40) / (90-40) = 0.00

Note: In case there are no Agricultural consumers served by the Distribution Company, Maximum marks for DT metering, consumer metering (other than agricultural consumers), Feeder metering and for Introduction of Smart meters in that **case would be 3.75 each.**

3.5 Introduction of Smart meters — Maximum Marks= 3

In this category utility with highest number of Smart Meters shall be awarded full marks and marks to other utilities shall be awarded on pro-rata basis.

Marks awarded = Max marks x (smart meters installed by utility -Min. smart meters installed in the range) / (Max smart meters installed in the range – Min smart meters installed in the range)

Example:

Utility	**Smart meter (Nos)**
A	66000
B	90000
C	42000

Utility B having highest Nos. of Smart meter shall get full 03 marks and marks to other utilities shall be awarded on pro-rata basis as under:

Utility	**Marks awarded**
A	3 x (66000-42000) / (90000-42000) = 1.5
C	3 x (42000-42000) / (90000-42000) = 0.0

4. Power Supply and Reliability — Maximum marks = 15

Marks shall be awarded for the following:

Sl. No.	**Particulars**	**Max Marks**
A	Average duration of an outage in respect of 11 kV feeders in consideration year (in hours)	**5**
B	Average number of outages of 11 kV feeders in consideration year	**5**
C	Distribution transformer failure rate (annual percentage number of distribution transformer failed during the year over the No. of DTs at the end of the consideration year).Only the operating Transformers to be considered for this purpose.	**5**

Full marks in each category shall be awarded to utility having the least outages/failure (in Item A, B and C above). Marks to other utilities shall be awarded on pro-rata basis as explained below:

4.1 Average duration of outage of 11 kV feeders — Maximum Marks=5

Marks awarded = Max marks x (Max. Outage duration in the range – Utility Outage duration) / (Max Outage duration in the range – Min Outage duration in the range)

Exemple:

Utility	**Outage duration (hrs)**
A	3.0
B	5.5

C	7.0

Utility A having minimum outage duration would get full 03 marks Utility C having maximum average outage duration would get Zero marks and other utilities between Maximum to Minimum would get marks on pro-rata basis as given below:

Utility	**Marks**
B	3 x (7.0 – 5.5)/ (7.0 – 3.0) = 1.13
C	3 x (7.0 – 7.0)/ (7.0 – 3.0) = 0

4.2 Average No. of outages of 11 kV feeders in consideration year Maximum Marks=5

Marks awarded = Max marks x (Max value of average No. of outages – Utility's Average No. of outages)/(Max value of average No. of outages – Min value of average No. of outages)

Example:

Utility	**Average No. of outages**
A	33.00
B	11.00
C	77.00

Utility B having minimum average No. of outages would get full 03 marks, Utility C having maximum average No. of outages would get Zero marks and other utilities between Maximum to Minimum would get marks on pro-rata basis as given below:

Utility	**Marks**
A	3 x (77.00 – 33.00)/ (77.00– 11.00) =2.0
C	3 x (77.00 – 77.00)/ (77.00 – 11.00)=0.0

4.3 Distribution transformer failure rate (annual %) Maximum Marks=5

Marks awarded = Max marks x (Max value of % DT failure rate – Utility's % DT failure rate)/(Max % value of DT failure rate – Min % value of DT failure rate)

Example:

Utility	**DT Failure (%)**
A	12.53
B	5.12
C	0.23

Utility C having minimum value of DT failure rate (%) would get full 03 marks and other utilities would get marks on pro-rata basis as given below:

Utility	**Marks**
A	3 x (12.53 – 12.53)/ (12.53– 0.23) = 0.0
B	3 x (12.53 – 5.12)/ (12.53– 0.23) = 1.81

5.0 Demand Side Management (DSM) Maximum Marks=20

In case a Utility has introduced Demand Side Management measures in its area of operation, marks shall be awarded on the basis of the following:

a) Creation of DSM cell in the Utility **Maximum Marks=2.5**

A copy of the order indicating Creation of DSM cell in the Utility shall be enclosed. In case a utility is not able to submit documentary proof of creation of DSM cell, no marks shall be awarded under this parameter.

b) Introduction of Time of Day (TOD) metering by the Utility **Maximum Marks=2.5**

Marks shall be awarded on the basis of whether TOD metering has been adopted by the Utility. 2.5 marks shall be awarded in case TOD metering has been adopted otherwise, 0 mark shall be awarded on this particular parameter.

c) Prepaid Metering **Maximum Marks=2.5**

A Utility which has introduced prepaid metering in its area of operation,2 marks shall be awarded for the same otherwise no marks will be awarded for this parameter.

d) Domestic efficient Lighting Programme (DELP) **Maximum Marks=2.5**

A Utility which has implemented DELP programme in its area of operation will be given 2.5 marks and no marks will be given if the programme is not implemented.

e) National Street Lighting Programme (SLNP**)** **Maximum Marks=2.5**

A Utility which has implemented DELP programme in its area of operation will be given 2.5 marks and no marks will be given if the programme is not implemented.

f) Study on DSM **Maximum Marks=2.5**

A Utility which has got its DSM related studies in its area of operation,2.5 marks shall be awarded for the same otherwise no marks will be awarded for this parameter.

g) Pilot Project on DSM **Maximum Marks =2.5**

Names of Pilot Projects undertaken by the utility on DSM with details shall be furnished. In case of completion of any pilot projects, the benefits achieved shall also be mentioned.

h) Dissemination of information through Conferences / Seminars/ Public Lectures
Maximum Marks =2.5

Pamphlets circulated regarding the same shall be enclosed.

6.0 Consumer Care and safety **Maximum Marks =10**

6.1 Implementation of 1912 **Maximum Marks =5**

A Utility which has implemented " 1912" for consumer complaints and reporting of theft etc in its area of operation will be given 2 marks and no marks will be given if the programme is not implemented.

6.2 Electrical accidents (Fatal) **Maximum Marks =5**

Nos of Electrical accidents shall include all accidents in electrical Installations such Fire, fatal accidents to Human, animals and Operators etc. during the consideration year.

Marks awarded = Max marks x (Max value of **Accidents Nos** – Utility's **Accidents Nos**)/(Max % value of **Accidents Nos** – Min % value **Accidents Nos**)

Example:

Utility	Total Accidents Nos
A	300
B	200
C	50
D	10

Utility having minimum value of Accidents would get full 5 marks, Utility with Maximum values of accidents would get Zero and other utilities between Maximum to Minimum would get marks on pro-rata basis as given below:

Utility	Marks
A	5 x (300 – 300)/ (300– 10) = 0.0
B	5 x (300 – 200)/ (300– 10) = 1.72
C	5 x (300 – 50)/ (300– 10) = 4.31

Note on Final Marks:

After evaluation of marks on the basis of parameters listed in all the above (06) six categories, the total marks awarded will be given weightage depending upon the number of consumers served by the Distribution Company and percentage sales at LT level (230/415 V) out of the total sales of the Distribution Company. A multiplying factor in the range of 0.7 to 1.0 shall be given on pro-rata basis depending upon the number of consumers served and % LT sales of the Discom, as shown below:

Example :

Utility	Marks Awarded	No. of Consumers	% LT sales
A	**85**	**500000**	**50**
B	**70**	**800000**	**30**
C	**80**	**20000**	**20**

$$\textbf{Multiplying factor} = 0.7 + 0.15 \times \left(\frac{\text{No.of consumers of the DISCOM} - \text{Minimum No.of consumers in the range}}{\text{Maximum No.of consumers in the range} - \text{Minimum No.of consumers in the range}}\right)$$

$$+ \quad 0.15 \times \left(\frac{\%\ \text{LT sales of the DISCOM} - \text{Minimum}\ \%\ \text{LT sales in the range}}{\text{Maximum}\ \%\ \text{LT sales in the range} - \text{Minimum}\%\ \text{LT sales in the range}}\right)$$

Multiplying factor for Discom A= $0.7 + 0.15 \times \left(\frac{500000-2000}{800000-20000}\right) + 0.15 \times \left(\frac{50-20}{50-20}\right) = 0.94$

Multiplying factor for Discom B= $0.7 + 0.15 \times \left(\frac{800000-20000}{800000-20000}\right) + 0.15 \times \left(\frac{30-20}{50-20}\right) = 0.90$

Multiplying factor for Discom C= 0.7 +0.15 x$\left(\frac{20000-2000}{800000-20000}\right)$+0.15 x$\left(\frac{20-20}{50-2}\right)$= 0.70

Hence, Final marks for Utility A= 85x 0.94=79.9

Final marks for Utility B= 70x0.90= 63.0

Final marks for Utility C= 80x.70=56.0

ANNEXURE-II (1/7)

FORMAT FOR DATA REQUIREMENT (Consideration year 2016-17)

1. DATA FOR AT&C LOSSES

Sl. No.	Item	Unit	2014-15	2015-16	2016-17
1.	Energy from State generation(figures at the Discom periphery & within Discom area)	MU			
2.	Purchased from CPSU (figures at the Discom periphery)	MU			
3.	Purchased from other utilities and from Power exchanges (figures at the Discom periphery)	MU			
4.	Total input (UI_T) = (1 +2 +3)	MU			
5.	Units Traded with other utilities(U_T) (figures at Distribution periphery)	MU			

6.	Units utilized within licensed area (U_I)= (UI_T - U_T)	MU			
7.	Units Billed within utility licensed area(U_B)	MU			
8.	Amount Billed within utility licensed area (A_B)	Rs. crores			
9.	Amount realized within utility licensed area (A_R)	Rs. crores			
10.	Collection efficiency (CE = 100*A_R/A_B)	%			
11.	Units realized (U_R) {(U_B x CE(%)}/100	MU			
12.	AT&C losses (U_I - U_R)	MU			
	AT&C losses {1-(U_R/U_I)}*100	%			
13	IT enablement of feeders Total Target (Nos)= , Total Achieved (Nos)=	%			

Note : i) The amount at Sl.No.8 shall not include meter rent, wheeling and other charges and subsidy receivable from State Governments etc.

ii)The amount at S.No. 9 shall include the subsidy received and shall not include last/previous year's arrears

ANNEXURE-II (2/7)

B. FINANCIAL TURNAROUND

Sl. No.	Item	Unit	2014-15	2015-16	2016-17
1.	Energy Input *	MU			
2	**Total Revenue earned**	**Rs. crore**			
2.1	Tariff income	Rs. crore			
2.2	Non-tariff Income	Rs. crore			
2.3	Other Income	Rs. crore			
3.	**Total Expenditure**	**Rs. crore**			
3.1	Employees Cost	Rs. crore			
3.2	A & G Expenses	Rs. crore			
3.3	Repair & Maintenance Expenses	Rs. crore			
3.4	Depreciation	Rs. crore			
3.5	ROE	Rs. crore			
3.6	Interest	Rs. crore			
3.7	Power Purchase cost	Rs. crore			
4.0	**Average cost of supply (on input energy basis) during consideration year**	**Rs/kWh**			

** Same energy input as at Sr. No. 4 of Annexure-II(1/7)*

ANNEXURE-II (3/7)

C. METERING

Sl. No.	**Item**	**Unit**	2014-15	2015-16	2016-17
A1	Total No. of DTs	No.			
1	No. of DTs metered	No.			
B1	Total No. of consumers (excluding Agricultural consumers	No.			
2	No. of consumers metered (excluding Agricultural consumers)	No.			
3	Total no. of agricultural consumers	No.			
4	No. of agricultural consumers metered	No.			
5	Total Consumers(B1+B3)	No			
C1	Total Feeders metered	No			
D1	Total Smart meters introduced	No			

ANNEXURE-II (4/7)

D. POWER SUPPLY and Reliability

Sl. No.	Item	Unit	2014-15	2015-16	2016-17
1.	Total No. of 11 kV feeders	No.			
2.	Total No. of outages of 11 kV feeders (in 2016-17)	No.			
3.	Summation of duration of outages of all the 11 kV feeders (in 2016-17)	Hrs			
4.	Total No. of distribution transformers (DT) *	No.			
5.	No. of distribution transformers failed (during 2016-17) *	No.			

** Shall include the DTs in operation only*

ANNEXURE-II (5/7)

E. Demand Side Management

Sl. No	Item	Details required
1	Order for Creation of DSM cell in the Utility	Indicate date of Creation of DSM cell
2	Introduction of TOD metering by the Utility	Indicate date of introduction of TOD metering and no. of installations functional as on date.
3	Introduction of prepaid meters	Indicate consumer category for which prepaid meters has been installed and no. of functional installations as on date
4	Domestic Efficient Lighting Programme (DELP)	Indicate whether the programme has been implemented or not - please indicate target and achievements
5	National Street Lighting Programme (SLNP)	Indicate whether the programme has been implemented or not -please indicate target and achievements
6	Study on DSM	Indicate whether the Study has been conducted - please indicate the date of study , area covered and status of acceptance for implementation
7	Pilot Project on DSM	Names of Pilot Projects undertaken by utility on DSM with details (date of start, completed or continued etc).
8	Dissemination of information through Conferences /Seminars/Public Lectures	Pamphlets circulated regarding the same may be enclosed

ANNEXURE-II(6/7)

F. No. of Consumers Served at Various Voltage Levels

Voltage class	No. of consumers served	% Sales
Above132KV		
132 kV		
66 kV		
33 kV		
11 kV		
415 V		
230 V		
Total, Nos		

Note- *1) Consumers served at any other Voltage level may be included suitably.*
2) Total of the break up given here shall match with the figures at Annexure-II(3/7) for Metering(including Agricultural consumers)

ANNEXURE-II(7/7)

G. Consumer Care and safety

Safety of equipment, personnel and Consumers-Electrical accidents (Fatal accidents)

	2014-15	2015-16	2016-17
1. Implementation of 1912			
2. Nos of accidents-Fatal			

Scheme-code : RF-2

Performance Award Scheme for Private Distribution Companies for the consideration year 2016-17

1.0 Preamble

This scheme has been formulated in which the awards will be given to the **three best performing Private Distribution Companies (Private Discoms)** in the country on the basis of predefined specific criteria.

2.0 Objective

The Electricity distribution sector has been identified as a key area for the improvement of economy of the country. This Award scheme is intended to promote, encourage and recognize the efforts of the **Private Discoms** to improve the efficiency of electricity distribution system in their area of supply.

3.0. Nature of Award

Three best performing distribution companies in the country will be awarded with shields (Gold, Silver and Bronze respectively) in recognition of their performance improvement **in the category of Private Discoms**.

The performance of Distribution Companies would be judged for **the category- Private Discoms** on the basis of the evaluation criteria laid down in **Annexure-I**. These parameters would be reviewed based on the progress made by the distribution company in respect of improvement of their electricity distribution system. The parameters given here would be valid till the same are modified by Central Electricity Authority (CEA).

4.0 Eligibility

i) All the **Private Discoms** having valid electricity distribution license by the Appropriate Electricity Regulatory Commission (ERC) engaged in the business of electricity distribution for consumers, are eligible for award. However, those Electricity Departments who have not carried out un-bundling as per Electricity Act 2003 shall not be eligible.

ii) **Private Discoms** having AT&C loss of 15% or less shall only be eligible for the award.

5.0 Evaluation Criteria

5.1 The evaluation criteria shall be based on the following parameters:

Parameter	Maximum Marks
▪ AT&C loss reduction	25
▪ Financial turnaround	15
▪ Metering of consumers	15
▪ Power Supply and Reliability	15
▪ Demand Side Management (DSM)	20
▪ Consumer care and Safety	10
Total marks	**100**

The total marks awarded in the above manner will be given weightage depending upon the number of consumers served by the Distribution Company and percentage (%) electricity sales at LT (230/415 V) level out of the total sales of the Distribution Company. Maximum weightage would be given to the Distribution Company whose consumer base is maximum and whose % electricity sales at LT level (230/415 V) are maximum. A multiplying factor in the range of 0.7 to 1.0 shall be given on pro-rata basis depending upon the number of consumers and % LT sales of the Discom. The multiplying factor will be calculated as under:

Multiplying factor=

$$0.7 + 0.15 \times \left(\frac{\text{No.of consumers of the DISCOM} - \text{Minimum No.of consumers in the range}}{\text{Maximum No.of consumers in the range} - \text{Minimum No.of consumers in the range}}\right) +$$

$$0.15 \times \left(\frac{\%\ \text{LT sales of the DISCOM} - \text{Minimum}\ \%\ \text{LT sales in the range}}{\text{Maximum}\ \%\ \text{LT sales in the range} - \text{Minimum}\%\ \text{LT sales in the range}}\right)$$

Total marks awarded= Marks awarded (out of 100 on the basis of above parameters) x Multiplying factor

5.2 In case partial data is received from any distribution company no marks shall be assigned to the parameter for which full data is not received.

5.3 These parameters have been further sub-divided into various factors as detailed in **Annexure-I**. The evaluation shall be made on the basis of the criteria given in **Annexure-I.**

6.0 Data Requirement

The Distribution companies shall submit the data in the prescribed Performa as per **Annexure-II** to CEA by the specified date.

7.0 Time Schedule for Submission of Data

The year for which award is being considered shall be referred as the consideration year. Last date for submission of data for award for the consideration year 2016-17 is 30th September, 2017 unless extended.

8.0 Nodal Division

All correspondence pertaining to the scheme shall be made in electronic form as well as in hard copy form to:

Chief Engineer (PFAM)
Central Electricity Authority
Room No. 629, 6th Floor (North Wing), Sewa Bhawan, R.K. Puram-I
New Delhi-110066
Tele Fax 011-26715396

Email award201415@gmail.com

ANNEXURE-I

Evaluation Criteria for Award Scheme for Best Performing Private Distribution Companies

Qualifying Bench Mark for the Award:-

Only those **Private Discoms** who have AT&C losses of 25% or less in the year 2016-17 (herein after termed as Maximum limit of AT&C losses) shall qualify for the scheme.

Parameters for evaluation shall be as below:

1.0 AT&C Losses: **Maximum marks =25**

The marks shall be based on:

i) Percentage value of AT&C Losses (based on UDAY MOU or MOP target as the case may be)
ii) Percentage reduction in AT&C losses compared to previous year (i.e. in 2016-17 as compared to 2015-16).

1.1 Percentage AT&C Loss (in the consideration year 2016-17) **Maximum marks = 10**

Based on the eligible proposals received, their percentage AT&C losses would be listed. The utilities would be awarded marks based on the following formula:

Marks awarded = Max Marks x (Max Limit of % AT&C Loss – Utility's % AT&C Loss)/ (Max Limit of % AT&C Loss – Minimum achievable value of % AT&C loss)

Note: Maximum & Minimum achievable value of AT&C losses for the consideration year has been kept as 15% & 7.0% respectively.

Utility with % AT&C loss equal to or less than the minimum achievable value of AT&C loss i.e. 7.0% would be awarded a maximum of 10 marks. Rest of the utilities would be awarded marks based on the above formula. Example is as under:

Utility	**AT&C loss (%)**
A	16
B	11
C	07
D	06

Utility		**Marks**
A	=	10 x (15-16)/(15-7)=0
B	=	10 x (15-11)/(15-7)= 5
D	=	10 x (15-6)/(15-7)= 10.55 (Since maximum Marks are 10, marks awarded=10)

1.2 PERCENTAGE AT&C LOSS REDUCTION IN CONSIDERATION YEAR AS COMPARED TO PREVIOUS YEAR **Maximum marks= 10**

Based on the eligible proposals received, their percentage AT&C losses would be listed. Utilities would be awarded marks on the basis of the following criteria

a) Utility with negative percentage point reduction in AT&C losses would get 0 marks.
b) Other utilities would be awarded marks on the basis of the following formula:
Marks awarded=10 x (utility's percentage reduction in AT&C losses)/ (maximum percentage reduction in AT&C losses in the range)

Utility with maximum percentage reduction would get a maximum of 10 marks. Example is as under:

Utility	AT&C loss (%)in 2015-16	AT&C loss (%) in 2016-17	Percentage reduction in AT&C loss(%)	Marks awarded
	(X_1)	(X_2)	**(X_1-X_2)*100/X_1**	
A	16	15	6.25	1.88
B	15	10	33.33	10.0
C	8.0	9	-12.5	0.0
D	5	4	20.00	6.0
E	13	9	30.77	9.23

NOTE: *1) In case of a newly formed distribution company that has started operating from the consideration year i.e.2016-17 and has not been able to furnish data on AT&C losses for the last year i.e. 2015-16, but whose AT&C losses in the consideration year are 15% or less shall be awarded 5 marks.*
2) Any Change in AT&C losses of previous years shall be clearly mentioned with proper reasons
3) AT&C loss reported shall mandatorily include transmission and distribution losses of the Discom area

1.3 IT Enablement of Feeders **Maximum Marks= 5**

Cut-off level of IT Enablement of Feeders as on 31.03.2017: is 90%

In this category utility having the highest percentage of IT enablement of Feeders shall be awarded full marks and other utilities shall be awarded marks on pro-rata basis. Utility with less than 90% IT enablement of Feeders shall not be awarded any mark under this category.

Marks awarded = Max marks x (Utility's % IT enablement of Feeders - cut-off level of % IT enablement of Feeders)/(Max value of % IT enablement of Feeders - cut-off level of % IT enablement of Feeders)

Example	**Utility**	**IT enablement of Feeders (%)**
	A	87
	B	92
	C	94

Utility C having highest percentage of IT enablement of Feeders shall get full 05 marks and marks to other utilities shall be awarded on pro-rata basis as under:

Example:	**Utility**		**Marks**
	A	=	5x (87-90) / (94-90) =0.00
	B	=	5x (92-90) / (94-90) =2.50

2.0 FINANCIAL TURN AROUND: **Maximum marks = 15**

The marks shall be based on:

i) Ratio of revenue earned to total expenditure
ii) Average cost of supply (on input energy basis)

2.1 Ratio of revenue earned to total expenditure (in the consideration year 2016-17)

Maximum marks = 10

The financial turnaround will be seen as a ratio of revenue earned to total expenditure (including power purchase cost, employee cost, Administrative & General and Repair & maintenance expenses, depreciation, ROE, interest etc.) of the Distribution Company. The Distribution Company who has the highest ratio will get full marks (10) and others on pro-rata basis:

Example:

Utility	**Ratio**
A	1.05
B	0.97
C	0.95
D	0.87

Utility A having the highest ratio as described above shall be awarded full 10 marks.

Marks awarded = Max marks x Utility's ratio / Max ratio in the range
Utility B would get 10 x 0.97 / 1.05=9.24
Utility C would get 10 x 0.95 / 1.05=9.05
Utility D would get 10 x 0.87 / 1.05=8.29

2.2 Average cost of supply (Rs/kWh) (2016-17): **Maximum marks = 5**

Average cost of supply(ACS) in Rs/kWh(on input energy basis) will be seen as the ratio of total expenditure (including power purchase cost, employee cost, administrative & general and repair & maintenance expenses, depreciation, ROE, interest etc.) of the distribution company to the total input energy in the licensed area (including self-generation).

The distribution company who has the lowest ratio will get full marks (5) and others on pro-rata basis.

Example:

Utility	**ACS**
A	3.80
B	2.00
C	3.30
D	4.00

Utility B having the lowest ACS as described above shall be awarded full 5 marks.

Marks awarded = Max marks x Min. ACS in the range/ Utility's ACS
Utility A would get 5 x 2.00 / 3.80=2.63
Utility C would get 5 x 2.00 / 3.30=3.03
Utility D would get 5 x 2.00 / 4.00=2.50

3. Metering: **Maximum marks = 15**

The marks for metering [Distribution Transformer metering, Consumer metering (other than agricultural consumers,) Feeder metering, agricultural consumer metering and Introduction of Smart meters] shall be awarded based on the percentage metering achieved over and above the cut-off level on pro-rata basis. The company who has achieved less than the cut-off level in a particular category shall get zero marks in that category.

3.1 DT Metering — Maximum Marks= 3

Cut-off level of DT metering as on 31.03.2017: is 90%

In this category utility having the highest percentage of metering shall be awarded full marks and other utilities shall be awarded marks on pro-rata basis. Utility with less than 90% metering shall not be awarded any mark under this category.

Marks awarded = Max marks x (Utility's % DT metering - cut-off level of % DT metering)/(Max value of % DT metering- cut-off level of % DT metering)

Example	**Utility**	**DT Metering (%)**
	A	87
	B	92
	C	94

Utility C having highest percentage of DT metering shall get full 03 marks and marks to other utilities shall be awarded on pro-rata basis as under:

Example:	**Utility**		**Marks**
	A	=	3x (87-90) / (94-90) =0
	B	=	3x (92-90) / (94-90) =1.5

3.2 Feeder metering — Maximum Marks= 3

Cut-off level of Feeder metering as on 31.03.2017: is 90%

In this category utility having the highest percentage of metering shall be awarded full marks and other utilities shall be awarded marks on pro-rata basis. Utility with less than 90% metering shall not be awarded any mark under this category.

Marks awarded = Max marks x (Utility's % Feeder metering - cut-off level of % Feeder metering)/(Max value of % Feeder metering - cut-off level of % Feeder metering)

Example	**Utility**	**DT Metering (%)**
	A	87
	B	92
	C	94

Utility C having highest percentage of DT metering shall get full 03 marks and marks to other utilities shall be awarded on pro-rata basis as under:

Example:	**Utility**		**Marks**
	A	=	3x (87-90) / (94-90) =0

B = 3x (92-90) / (94-90) =1.5

3.3 Consumer Metering (other than agricultural consumers) Maximum Marks = 3

Cut-off level of consumer metering as on 31.03.2017: 95%

In this category utility with highest percentage of metering shall be awarded full marks and marks to other utilities shall be awarded on pro-rata basis. Utility with less than 95% metering shall not be awarded any mark under this category.

Marks awarded = Max marks x (Utility's % consumer metering- cut-off level of % consumer metering)/(Max value of % consumer metering - cut-off level of % consumer metering)

Example:

Utility	**Metering %**
A	98
B	100
C	94

Utility B having highest percentage of consumer metering shall get full 03 marks and marks to other utilities shall be awarded on pro-rata basis as under:

Utility	**Marks awarded**
A	3 x (98-95) / (100-95) = 1.80
C	3 x (94-95) / (100-95) = 0.00

3.4 Agricultural Consumer Metering Maximum Marks = 3

Cut-off level of consumer metering at the end of the consideration year: 90%

In this category utility with highest percentage of metering shall be awarded full marks and marks to other utilities shall be awarded on pro-rata basis. Utility with less than 90% metering shall not be awarded any mark under this category.

Marks awarded = Max marks x (Utility's % Agricultural consumer metering- cut-off level of % Agricultural consumer metering)/(Max value of % Agricultural consumer metering -cutoff level of % Agricultural consumer metering)

Example:

Utility	**Agricultural Consumer Metering %**
A	67
B	92
C	91

Utility B having highest percentage of agricultural consumer metering shall get full 03 marks and marks to other utilities shall be awarded on pro-rata basis as under:

Utility	**Marks awarded**
A	3 x (67-90) / (92-90) = 0.00
C	3 x (91-90) / (92-90) = 1.50

Note: In case there are no Agricultural consumers served by the Distribution Company, Maximum marks for DT metering, consumer metering (other than agricultural consumers), Feeder metering and for Introduction of Smart meters in that case would be 3.75 each.

3.5 Introduction of Smart meters — Maximum Marks= 3

In this category utility with highest number of Smart Meters shall be awarded full marks and marks to other utilities shall be awarded on pro-rata basis.

Marks awarded = Max marks x (smart meters installed by utility -Min. smart meters installed in the range) / (Max smart meters installed in the range – Min smart meters installed in the range)

Example: **Utility**	Smart meter (Nos.)
A	66000
B	90000
C	42000

Utility B having highest percentage of Smart meter shall get full 03 marks and marks to other utilities shall be awarded on pro-rata basis as under:

Utility	**Marks awarded**
A	3 x (66000-42000) / (90000-42000) = 1.5
C	3 x (42000-42000) / (90000-42000) = 0.0

4. Power Supply and Reliability — Maximum marks = 15

Marks shall be awarded for the following:

Sl. No.	**Particulars**	**Max Marks**
A	Average duration of an outage in respect of 11 kV feeders in consideration year (in hours)	**5**
B	Average number of outages of 11 kV feeders in consideration year	**5**
C	Distribution transformer failure rate (annual percentage number of distribution transformer failed during the year over the No. of DTs at the end of the consideration year).Only the operating Transformers to be considered for this purpose.	**5**

Full marks in each category shall be awarded to utility having the least outages/failure (in Item A, B and C above). Marks to other utilities shall be awarded on pro-rata basis as explained below:

4.1 Average duration of outage of 11 kV feeders — Maximum Marks=5

Marks awarded = Max marks x (Max. Outage duration in the range – Utility Outage duration) / (Max Outage duration in the range – Min Outage duration in the range)

Exemple:

Utility	**Outage duration (hrs)**
A	3.0

B	5.5
C	7.0

Utility A having minimum outage duration would get full 03 marks Utility C having maximum average outage duration would get Zero marks and other utilities between Maximum to Minimum would get marks on pro-rata basis as given below:

Utility	**Marks**
B	3 x (7.0 – 5.5)/ (7.0 – 3.0) = 1.13
C	3 x (7.0 – 7.0)/ (7.0 – 3.0) = 0.0

4.2 Average No. of outages of 11 kV feeders in consideration year Maximum Marks=5

Marks awarded = Max marks x (Max value of average No. of outages – Utility's Average No. of outages)/(Max value of average No. of outages – Min value of average No. of outages)

Example:

Utility	**Average No. of outages**
A	33.00
B	11.00
C	77.00

Utility B having minimum average No. of outages would get full 03 marks, Utility C having maximum average No. of outages would get Zero marks and other utilities between Maximum to Minimum would get marks on pro-rata basis as given below:

Utility	**Marks**
A	3 x (77.00 – 33.00)/ (77.00– 11.00) =2.0
C	3 x (77.00 – 77.00)/ (77.00 – 11.00)=0.0

4.3 Distribution transformer failure rate (annual %) Maximum Marks=5

Marks awarded = Max marks x (Max value of % DT failure rate – Utility's % DT failure rate)/(Max % value of DT failure rate – Min % value of DT failure rate)

Example:

Utility	**DT Failure (%)**
A	12.53
B	5.12
C	0.23

Utility C having minimum value of DT failure rate (%) would get full 03 marks and other utilities would get marks on pro-rata basis as given below:

Utility	**Marks**
A	3 x (12.53 – 12.53)/ (12.53– 0.23) = 0.0
B	3 x (12.53 – 5.12)/ (12.53– 0.23) = 1.81

5.0 Demand Side Management (DSM) Maximum Marks=20

In case a Utility has introduced Demand Side Management measures in its area of operation, marks shall be awarded on the basis of the following:

a) Creation of DSM cell in the Utility **Maximum Marks=2.5**

A copy of the order indicating Creation of DSM cell in the Utility shall be enclosed. In case a utility is not able to submit documentary proof of creation of DSM cell, no marks shall be awarded under this parameter.

b) Introduction of Time of Day (TOD) metering by the Utility **Maximum Marks=2.5**

Marks shall be awarded on the basis of whether TOD metering has been adopted by the Utility. 2.5 marks shall be awarded in case TOD metering has been adopted otherwise, 0 mark shall be awarded on this particular parameter.

c) Prepaid Metering **Maximum Marks=2.5**

A Utility which has introduced prepaid metering in its area of operation,2 marks shall be awarded for the same otherwise no marks will be awarded for this parameter.

d) Domestic efficient Lighting Programme (DELP) **Maximum Marks=2.5**

A Utility which has implemented DELP programme in its area of operation will be given 2.5 marks and no marks will be given if the programme is not implemented.

e) National Street Lighting Programme (SLNP**)** **Maximum Marks=2.5**

A Utility which has implemented DELP programme in its area of operation will be given 2.5 marks and no marks will be given if the programme is not implemented.

f) Study on DSM **Maximum Marks=2.5**

A Utility which has got its DSM related studies in its area of operation,2.5 marks shall be awarded for the same otherwise no marks will be awarded for this parameter.

g) Pilot Project on DSM **Maximum Marks =2.5**

Names of Pilot Projects undertaken by the utility on DSM with details shall be furnished. In case of completion of any pilot projects, the benefits achieved shall also be mentioned.

h) Dissemination of information through Conferences / Seminars/ Public Lectures
Maximum Marks =2.5

Pamphlets circulated regarding the same shall be enclosed.

6.0 Consumer Care and safety **Maximum Marks =10**

6.1 Implementation of 1912 **Maximum Marks =5**

A Utility which has implemented " 1912" for consumer complaints and reporting of theft etc in its area of operation will be given 2 marks and no marks will be given if the programme is not implemented.

6.2 Electrical accidents (Fatal) Maximum Marks =5

Nos of Electrical accidents shall include all accidents in electrical Installations such Fire, fatal to Human, animals and Operators etc. during the consideration year.

Marks awarded = Max marks x (Max value of **Accidents Nos** – Utility's **Accidents Nos**)/(Max % value of **Accidents Nos** – Min % value **Accidents Nos**)

Example:

Utility	**Total Accidents Nos**
A	300
B	200
C	50
D	10

Utility having minimum value of Accidents would get full 5 marks, Utility with Maximum values of accidents would get Zero and other utilities between Maximum to Minimum would get marks on pro-rata basis as given below:

Utility	**Marks**
A	5 x (300 – 300)/ (300– 10) = 0.00
B	5 x (300 – 200)/ (300– 10) = 1.72
C	5 x (300 – 50)/ (300– 10) = 4.31

Note on Final Marks:

After evaluation of marks on the basis of parameters listed in all the above (06) six categories, the total marks awarded will be given weightage depending upon the number of consumers served by the Distribution Company and percentage sales at LT level (230/415 V) out of the total sales of the Distribution Company. A multiplying factor in the range of 0.7 to 1.0 shall be given on pro-rata basis depending upon the number of consumers served and % LT sales of the Discom, as shown below:

Example :

Utility	**Marks Awarded**	**No. of Consumers**	**% LT sales**
A	**85**	**500000**	**50**
B	**70**	**800000**	**30**
C	**80**	**20000**	**20**

Multiplying factor = 0.7 + 0.15 x $\left(\frac{\text{No.of consumers of the DISCOM} - \text{Minimum No.of consumers in the range}}{\text{Maximum No.of consumers in the range} - \text{Minimum No.of consumers in the range}}\right)$

+ 0.15 x $\left(\frac{\%\ \text{LT sales of the DISCOM} - \text{Minimum}\ \%\ \text{LT sales in the range}}{\text{Maximum}\ \%\ \text{LT sales in the range} - \text{Minimum}\%\ \text{LT sales in the range}}\right)$

Multiplying factor for Discom A= 0.7 +0.15 x$\left(\frac{500000-20000}{800000-20000}\right)$+0.15 x$\left(\frac{50-2}{50-20}\right)$= 0.94

Multiplying factor for Discom B= 0.7 +0.15 x$\left(\frac{800000-2000}{800000-20000}\right)$+0.15 x$\left(\frac{30-2}{50-20}\right)$= 0.90

Multiplying factor for Discom C= 0.7 +0.15 x$\left(\frac{20000-20000}{800000-20000}\right)$+0.15 x$\left(\frac{20-20}{50-20}\right)$= 0.70

Hence, Final marks for Utility A= 85x 0.94=79.9

Final marks for Utility B= 70x0.90= 63.0

Final marks for Utility C= 80x.70=56.0

ANNEXURE-II (1/7)

FORMAT FOR DATA REQUIREMENT (Consideration year 2016-17)

1. DATA FOR AT&C LOSSES

Sl. No.	Item	Unit	2014-15	2015-16	2016-17
1.	Energy from State generation(figures at the Discom periphery & within Discom area)	MU			
2.	Purchased from CPSU (figures at the Discom periphery)	MU			
3.	Purchased from other utilities and from Power exchanges (figures at the Discom periphery)	MU			
4.	Total input (UI_T) = (1 +2 +3)	MU			
5.	Units Traded with other utilities(U_T) (figures at Distribution periphery)	MU			
6.	Units utilized within licensed area (U_I)= (UI_T - U_T)	MU			
7.	Units Billed within utility licensed area(U_B)	MU			
8.	Amount Billed within utility licensed area (A_B)	Rs. crores			
9.	Amount realized within utility licensed area (A_R)	Rs. crores			
10.	Collection efficiency (CE = 100*A_R/A_B)	%			
11.	Units realized (U_R) {(U_B x CE(%)}/100	MU			
12.	AT&C losses (U_I - U_R)	MU			
	AT&C losses {1-(U_R/U_I)}*100	%			
13	IT enablement of feeders (Total Target (Nos)= , Total Achieved (Nos)	%			

Note : i) The amount at Sl.No.8 shall not include meter rent, wheeling and other charges and subsidy receivable from State Governments etc.
ii)The amount at S.No. 9 shall include the subsidy received and shall not include last/previous year's arrears

ANNEXURE-II (2/7)

B. FINANCIAL TURNAROUND

Sl. No.	Item	Unit	2014-15	2015-16	2016-17
1.	Energy Input *	MU			
2	**Total Revenue earned**	**Rs. crore**			
2.1	Tariff income	Rs. crore			
2.2	Non-tariff Income	Rs. crore			
2.3	Other Income	Rs. crore			
3.	**Total Expenditure**	**Rs. crore**			
3.1	Employees Cost	Rs. crore			
3.2	A & G Expenses	Rs. crore			
3.3	Repair & Maintenance Expenses	Rs. crore			
3.4	Depreciation	Rs. crore			
3.5	ROE	Rs. crore			
3.6	Interest	Rs. crore			
3.7	Power Purchase cost	Rs. crore			
4.0	**Average cost of supply (on input energy basis) during consideration year**	**Rs/kWh**			

** Same energy input as at Sr. No. 4 of Annexure-II(1/7)*

ANNEXURE-II (3/7)

C. METERING

Sl. No.	**Item**	**Unit**	2014-15	2015-16	2016-17
A1	Total No. of DTs	No.			
1	No. of DTs metered	No.			
B1	Total No. of consumers (excluding Agricultural consumers	No.			
2	No. of consumers metered (excluding Agricultural consumers)	No.			
3	Total no. of agricultural consumers	No.			
4	No. of agricultural consumers metered	No.			
5	Total Consumers(B1+B3)	No			
C1	Total Feeders metered	No			
D1	Total Smart meters introduced	No			

ANNEXURE-II (4/7)

D. POWER SUPPLY and Reliability

Sl. No.	Item	Unit	2014-15	2015-16	2016-17
1.	Total No. of 11 kV feeders	No.			
2.	Total No. of outages of 11 kV feeders (in 2016-17)	No.			
3.	Summation of duration of outages of all the 11 kV feeders (in 2016-17)	Hrs			
4.	Total No. of distribution transformers (DT) *	No.			
5.	No. of distribution transformers failed (during 2016-17) *	No.			

** Shall include the DTs in operation only*

ANNEXURE-II (5/7)

E. Demand Side Management

Sl. No	Item	Details required
1	Order for Creation of DSM cell in the Utility	Indicate date of Creation of DSM cell
2	Introduction of TOD metering by the Utility	Indicate date of introduction of TOD metering and no. of installations functional as on date.
3	Introduction of prepaid meters	Indicate consumer category for which prepaid meters has been installed and no. of functional installations as on date
4	Domestic Efficient Lighting Programme (DELP)	Indicate whether the programme has been implemented or not - please indicate target and achievements
5	**National Street Lighting Programme (**SLNP**)**	Indicate whether the programme has been implemented or not -please indicate target and achievements
6	**Study on DSM**	Indicate whether the Study has been conducted - please indicate the date of study , area covered and status of acceptance for implementation
7	Pilot Project on DSM	Names of Pilot Projects undertaken by utility on DSM with details (date of start, completed or continued etc).
8	Dissemination of information through Conferences /Seminars/Public Lectures	Pamphlets circulated regarding the same may be enclosed

ANNEXURE-II(6/7)

F. No. of Consumers Served at Various Voltage Levels

Voltage class	No. of consumers served	% Sales
Above132KV		
132 kV		
66 kV		
33 kV		
11 kV		
415 V		
230 V		
Total, Nos		

Note- *1) Consumers served at any other Voltage level may be included suitably.*
2) Total of the break up given here shall match with the figures at Annexure-II(3/7) for Metering(including Agricultural consumers)

ANNEXURE-II(7/7)

G. Consumer Care and safety

	2014-15	2015-16	2016-17
1. Implementation of 1912			
2. Nos of accidents-Fatal			

scheme code :RF-3

Performance Award Scheme for Rural Distribution Franchisees (RDFs) (Consideration Year 2016-17)

1.0 Preamble

The electricity distribution sector has been identified as a key area for the improvement of economy of the whole country. In the 10th plan and beyond it had been decided to provide access to electricity to all the households in the country. This Award scheme is intended to promote, encourage and recognise the efforts of the **RURAL DISTRIBUTION FRANCHISEEs (RDFs)** in improving the efficiency of electricity distribution and revenue management in rural areas.

This scheme has been *formulated* in which the awards are proposed to be given **every year to three Best Performing RDFs *in the country* operating** in the rural areas on the basis of predefined specific criteria.

2.0 Nature of Award

Three best performing rural distribution franchisees in the country will be awarded every year with shields **(Gold, Silver and Bronze *respectively***) in recognition of their performance to improve electricity distribution *in their jurisdiction.*

Their performance would be judged on the basis of the evaluation criteria as laid down in **Annexure-I**. These parameters would be reviewed from time to time based on the progress made by the rural distribution franchisees in respect of improvement of their electricity distribution system and revenue management to make it viable and revenue sustainable. The criteria would be valid till it is modified by *Central Electricity Authority* (CEA).

3.0 Eligibility

The eligibility criteria are as follows:

3.1 Only rural distribution franchisee for the villages which have been declared electrified as per the definition of the village electrification shall qualify for this award scheme.

3.2 All the rural distribution franchisees in villages of the country irrespective of whether the villages have been electrified under RGGVY or any other scheme shall be eligible under this award scheme.

3.3 Rural distribution franchisees that have provided metered service connections to 95% or more consumers in the consideration year shall be eligible under this scheme.

3.4 Rural distribution franchisee *achieving* 95% *or more revenue* collection of billed amount *in* the consideration year shall be eligible under this scheme.

3.5 Rural distribution franchisees that are operating as franchisee for the *complete financial* year (April 2016 to March 2017) shall be eligible under this award scheme.

3.6 Rural distribution franchisees having less than 1000 number of consumers shall not be eligible under this award scheme.

3.7 Rural Distribution franchisee *shall not be eligible-a) having AT&C loss more than the AT&C loss target of the concerned Discoms/State Power department (which are based on UDAY or MOP target) and*

b) *having Supply hours less than the concerned Discoms/State Power department.*

4.0 Evaluation Criteria

4.1 The evaluation criteria has been kept as simple as possible based on the following parameters:

Sl. No.	Particulars	Maximum Marks
1	Type of Activity undertaken by RDF	18
2	*Metered* service connections (metered connection as percentage of total service connections)	12
3	Revenue Management	50
4	AT&C Losses	20
	Total	**100**

4.2 In case partial data is received from any rural distribution franchisee through their distribution licensee no marks shall be assigned to the parameter for which full data is not received.

4.3 *Ministry of Power had suggested that **the number of consumers of RDFs should be taken into account in finalizing the awards**. Accordingly, the marks awarded for revenue management will be given weightage depending upon the number of consumers of the franchisee while finalizing awards after receipt of data from distribution utilities / Electricity Departments in CEA. A **multiplying factor in the range of 0.9 to 1.0 shall be given on pro-rata basis depending upon the number of consumers of the franchisee** i.e. the marks for revenue collection shall be multiplied by 0.9, in case, the franchisee has minimum number of consumers and would be multiplied by 1 if the franchisee has maximum number of consumers*

4.4 These parameters have been further sub-divided in*to* various factors as detailed in **Annexure-I.** The assessment shall be made on the basis of performance related *parameters indicated in evaluation criteria at* **Annexure-I.**

5.0 Data Requirement/Submission and Evaluation

*5.1 It shall be responsibility of the appropriate distribution licensees to obtain the data from the RDFs in the proforma given at **Annexure-II**, verify, analyse the*

*same as per the criteria laid down in **Annexure-I** and identify the best three RDFs in their area of supply/jurisdiction .*

*5.2 The statement of marks as per **Annexure-III** is to be submitted to CEA (by a specified date) by the respective Distribution licensees in respect of the best three RDFs for each licensee along with complete set of proposal of best three RDFs and data as indicated in **Annexure-II.***

*5.3 All the proposals (after completion of steps 6.1 and 6.2) thus received from Distribution licensees by CEA would be evaluated in CEA for deciding the best three RDFs at country level. In case of tie between two or (among) more RDFs, other things being equal, the RDF handling a **larger number of consumers would be ranked higher.***

6.0 Time Schedule for Submission of Data

The year for which award is being considered shall be hereafter called consideration year. Last date for submission of data for consideration year 2016-17 is 30th September, 2017 unless extended.

7.0 Nodal Division

All correspondence pertaining to the scheme shall be made in electronic form as well as in hard copy form to:

Chief Engineer (PFAM)
Central Electricity Authority
Room No. 629, 6th Floor (North Wing), Sewa Bhawan, R.K.Puram-I
New Delhi-110066
Tele Fax 011-26715396

Email award201415@gmail.com

Annexure-I

Evaluation Criteria for Performance Award Scheme for Rural Distribution Franchisees (RDFs)

1.0 Bench Mark Parameters for the Award Scheme 2016-17

1.1 Rural distribution franchisees that have provided metered service connections to 95% or more consumers in the consideration year shall be eligible under this scheme.

1.2 Rural distribution franchisees *achieving* 90% or more *revenue collection of billed amount* in the consideration year shall be eligible under this scheme.

1.3 *Rural distribution franchisees having less than 1000 number of consumers shall not be eligible under this award scheme.*

1.4 Rural Distribution franchisee *having AT&C loss more than the AT&C loss target of the concerned Discoms/State Power department which have been based on UDAY or MOP target and having less supply hours (average) than the concerned Discoms/State Power department shall not be eligible.*

2. Type of Rural Distribution Franchisee: (Maximum marks = 18)

2.1 *Depending upon the activities covered by Rural Distribution Franchisee a total of 18 marks have been distributed as indicated in **Table** below:*

Table: Activities Covered by Rural Distribution Franchisees

Sl. No.	Type of activity covered by Rural Distribution Franchisee	Maximum Marks
1.	Procurement of power through Bulk Supply Tariff arrangement based on transparent process of bidding	2
2.	System augmentation	2
3.	Maintenance of assets (sub-station, lines etc)	2
4.	Meter installation and service connections	2
5.	Meter reading	2
6.	Preparation of bills	2
7.	Disbursement of bills	2
8.	Revenue collection	2
9.	Consumer Complaints (fuse off call etc)	2
	Total	**18**

Example: An RDF who has under taken the meter reading, preparation of bills, disbursement of bills and revenue collection (i.e. four out of 9 activities listed in 2.1) shall be awarded 8 marks.

3. Metered Service Connections: (Maximum marks = 12)

As per the Electricity Act, 2003 all the consumers are to be metered, unless exempted by the Appropriate State Electricity Regulatory Commission. Cut-off level of metered service connections is 95% . Rural distribution franchisees having metered service connections below 95*%* at the end of consideration year shall not be considered for award. The marks for metered service connections shall be awarded based on the *percentage of* metered service connections *to total number of service connections* achieved *at* the end of consideration year over and above the cut-off level on pro-rata basis as per the following **example:**

Marks obtained = Maximum marks x (% metering achieved by RDF – 95%)/(% Max metering achieved by RDF - 95%)

Rural distribution franchisees (RDFs)	Metered service connections (%)
A	98
B	100
C	95
D	50
E	0

Franchisee B having highest percentage of metered service connections shall get full *marks* (*12)*. Franchisee D and E shall not be eligible for the award. Marks of other franchisees shall be awarded on pro-rata basis as under:

Rural distribution franchisees (RDFs)	Marks obtained (Out of 12)
A	12 x (98-95) / (100-95) = 7.2
C	12 x (95-95) / (100-95) = 0

4. Revenue Management: **(Maximum marks = 50)**

The following criteria shall be applicable:

a) revenue collection as a percentage of the billed amount for the consideration year (30 marks); and

b) Improvement in percentage revenue collection over previous year (20 marks).

4.1 Revenue Collection in the *Consideration* Year (%): (Maximum marks = 30)

Rural distribution franchisee with *100% (say)* of revenue collection as a *percentage of the* billed amount for the *consideration* year would be awarded

full marks (30). Rest *of the RDFs would be given marks* on pro-rata basis as explained below:

Rural distribution franchisees (RDFs)	Revenue collection as a *percentage of the* billed amount for the *consideration* year (%)
A	100
B	90
C	95

Rural Distribution franchisee A shall get full marks (30). Marks of other franchisees shall be awarded on pro-rata basis as under:

Rural distribution franchisees (RDFs)	Marks obtained (Out of 30)
B	30 x (90-80)/(100-80) = 15
C	30 x (95-80)/(100-80) = 22.5

*The marks awarded for revenue collection in the above manner will be given weightage depending upon the number of consumers of the franchisee while finalizing awards after receipt of data from distribution utilities in CEA**. A multiplying factor in the range of 0.9 to 1.0 shall be given on pro-rata basis depending upon the number of consumers of the franchisee i.e. the marks for revenue collection** shall be multiplied by 0.9, in case, the franchisee has minimum number of consumers and would be multiplied by 1 if the franchisee has maximum number of consumers. In other cases, the multiplying factor will be calculated as under:*

Multiplying factor= 0.9+0.1x(No. of consumers of the RDF-Minimum No. of consumers of all eligible RDFs)/(Maximum No. of consumers of the eligible RDFs-Minimum No. of consumers of the eligible RDFs)

4.2 Improvement in percentage Revenue Collection Over Previous Year: (Maximum marks = 20)

Marks distribution shall be as follows:

i) Marks distribution for RDFs:

S.No	Percentage revenue collection of RDF in consideration Year.	Marks (if Revenue Collection increases/remains same as compared to previous year)	Marks (if Revenue Collection decreases as compared to previous year)
1	95 and above	20	15
2	90 and above but less than 95	15	10
3	80 and above but less than 90	10	5

ii) RDFs that have not done any operations in the year *just preceding the* consideration year but revenue collection in the consideration year is more than 90% shall get 10 marks.

Note: If revenue collection in any year is more than 100% the same would be treated as 100%.

5. AT&C Losses (Maximum Marks =20)

5.1 Based on the eligible proposals received, their percentage AT&C losses would be listed. RDF having the minimum percentage AT&C loss would be awarded a maximum of 20 marks.

Rest of the RDFs would be awarded marks based on the following formula:

Marks awarded = Max Marks x (Max value of % AT&C Loss in the range – Utility's % AT&C Loss)/ (Max value of % AT&C Loss in the range – Minimum value of % AT&C loss in the range)

RDF with minimum % AT&C loss would get maximum marks i.e. 20 and that with maximum % AT&C loss would get zero marks as explained by the example below:

Example	**RDF**	**%AT&C loss**
	A	30
	B	15
	C	8

Marks distribution shall be as follows:

RDF	**Marks**
A	20x(30-30)/(30-8)=0
B	20x(30-15)/(30-8)= 13.64
C	20x(30- 8)/(30-8)= 20

Annexure-II(1)

Parameters for Performance Award Scheme for Rural Distribution Franchisees (RDFs)

(To be submitted to Distribution licensee by the franchisees)

***Consideration* year :2016-17**

Sl. No.	Particulars	Remark/Response
1	Name of the village, district and state	
2	Name of the franchisee	
3	Village declared electrified	Yes/No
4	Date of commencement of franchisee operation	
5	Type of Activity covered by Rural Distribution Franchisee	
5.1	Procurement of power through Bulk Supply Tariff (BST) arrangement based on transparent process of bidding	Yes/No
5.2	System augmentation	Yes/No
5.3	Maintenance of assets (sub-station, lines etc)	Yes/No
5.4	Meter installation and service connections	Yes/No
5.5	Meter reading	Yes/No
5.6	Preparation of bills	Yes/No
5.7	Disbursement of *bills*	Yes/No
5.8	Revenue collection	Yes/No
5.9	Consumer Complaints (fuse off call etc)	Yes/No
6	Total input energy in franchisee area in consideration year (Million Units)	
7	Total input energy in franchisee area in previous year (Million Units)	

Annexure-II(2)

Sl. No.	Particulars	2014-15	2015-16	2016-17
1	Total No. of consumers at the end of consideration year			
2	No. of metered service connections at the end of consideration year			
3	Metered consumer as percentage of total consumers at the end of consideration year (**100*Item 2/Item 1)**			
4	Total No. of consumers at the end of previous year			
5	No. of metered service connections at the end of previous year			
6	Metered consumer as percentage of total consumers at the end of previous year (**100*Item 5/ Item 4)**			
8	Total amount billed in consideration *year* (Rs Lac)			
9	Total amount collected in consideration year (Rs Lac)			
10	Revenue collection as a *percentage of the* billed amount for the *consideration* year (**100*Item 9/Item 8)**			
11	Total amount billed in the year just prior to			

	consideration *year* (Rs Lac)			
12	Total amount collected in the year just prior to consideration *year* (Rs Lac)			
13	Revenue collection as a *percentage of the* billed amount in the year just prior to consideration *year* (**100*Item 12/Item 11)**			
14	Percentage point improvement (in revenue collection as a *percentage of the* billed amount) in consideration year compared to the year just prior to consideration *year* **(Item 10-Item 13)**			

Annexure-II(3)

Sl.No.	Item	Unit	2014-15	2015-16	2016-17
1.	Total input energy in franchisee area in consideration year (Million Units) (U_I)	MU			
4.	Units Billed (U_B)	MU			
5.	Amount Billed (A_B)	Rs. Lacs.			
6.	Amount realized (A_R)	Rs. Lacs.			
7.	Collection efficiency ($CE = 100*A_R/A_B$)	%			
8.	Units realized (U_R)= $\{U_B \times CE(\%)\}/100$	MU			
9.	AT&C losses ($U_I - U_R$)	MU			
10	AT&C losses $\{1-(U_R/U_I)\}*100$	%			

Annexure III

Statement of marks in respect of the best three Rural Distribution Franchisees(RDFs) for Performance Award Scheme for consideration Year (To be submitted by each Distribution Licensee to CEA)

Name of Distribution Licensee

Sl. No.	Particulars	Response and marks awarded in respect of RDF			Remarks
		Ranked I	Ranked II	Ranked III	
1	Name of the village, district and state				
2	Name of the franchisee				
3	Village declared electrified				
4	Date of commencement of franchisee operation				
4.1	Area covered by RDF (Sq km)				
4.2	Whether the area covered by RDF is plain, hilly or a difficult terrain				
5	**Type of Activity covered by Rural Distribution Franchisee (marks 18,** 2 marks for each of the activities from 5.1 to 5.9)				
5.1	Procurement of power through Bulk Supply Tariff (BST) arrangement based on transparent process of bidding				
5.2	System augmentation				
5.3	Maintenance of assets (sub-station, lines etc)				
5.4	Meter installation and service connections				
5.5	Meter reading				
5.6	Preparation of bills				
5.7	Disbursement of *bills*				
5.8	Revenue collection				
5.9	Consumer Complaints (fuse off call etc)				
6	Total input energy in franchisee area in consideration year (Million Units)(U_I)				
7	Total input energy in franchisee area in previous year (Million Units)				
8	**Metering of Service connections**				
8.1	Total No. of consumers at the end of consideration year				
8.2	No. of metered service connections at the end of consideration year				
8.3	Metered consumer as percentage of total consumers at the end of consideration year (**100*Item 8.2/Item 8.1) (marks 12)**				
8.4	Total No. of consumers at the end of previous year				
8.5	No. of metered service connections at the end of previous year				
8.6	Metered consumer as percentage of total				

	consumers at the end of previous year (**100*Item 8.5/ Item 8.4)**				
9	**Revenue Management**				
9.1	Total amount billed in consideration *year* (Rs Lac)				
9.2	Total amount collected in consideration year (Rs Lac)				
9.3	Revenue collection as a *percentage of the* billed amount for the *consideration* year (**100*Item 9.2/Item 9.1) (marks 30)**				
9.4	Total amount billed in the year just prior to consideration *year* (Rs Lac)				
9.5	Total amount collected in the year just prior to consideration *year* (Rs Lac)				
9.6	Revenue collection as a *percentage of the* billed amount in the year just prior to consideration *year* (**100*Item 9.5/Item 9.4)**				
9.7	Percentage point improvement (in revenue collection as a *percentage of the* billed amount) in consideration year compared to the year just prior to consideration *year* **(Item 9.3-Item 9.6) (marks 20)**				
10	**AT&C Losses**				
10.1	Units Billed (U_B)				
10.2	Amount Billed (A_B)				
10.3	Amount realized (A_R)				
10.4	Collection efficiency **(CE = 100*item 10.3/item 10.2)**				
10.5	Units realized (U_R)= **(item 10.1 x item 10.4)/100**				
10.6	AT&C losses **(item 6 – item 10.5)**				
10.7	AT&C losses **{1-(item 10.5/item 6)}*100 (Marks 20)**				

Note:

a) A brief write-up indicating the highlights of Operation, Management, maintenance practice, Reliability and quality of power supply, System Strengthening and Augmentation, Feeder Monitoring, Smart metering, Capex, other innovation etc may be submitted in respect of the RDFs ranked I, II and III supporting the facts submitted. Salient points of the village served, type of load, consumer categories, type of irrigation, climatic conditions, water table, usual hours of power supply, historical and geographical importance of the area may also be furnished along with the evaluation sheet in respect of RDFs ranked I, II and III.

These details are also to be given in case there is only one RDF is operating as on date.

b) Total number of Rural Distribution Franchisees (RDFs) operating as on date and number of RDFs who have submitted the proposal to each Distribution Licensee may also be submitted.