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

No. 06/06/CEA/DM(Award Scheme)/2019   **Dated : 01.08.2019**

To

CMDs of Distribution Licensees (as per list)

Subject: Comprehensive Award Scheme(s) for the Distribution Companies(Govt & Private) and Rural Distribution Franchisees (RDFs) for the year the consideration year 2018-19.

Sir,

As you are aware that Ministry of Power has instituted Comprehensive Award Scheme for Power Sector for meritorious performance in Generation, Transmission and Distribution Sectors. The Revised Award Scheme in the year 2016-17 (as applicable for year 2018-19 also) separated for Govt. & private Distribution Companies and Rural Distribution Franchisees(RDFs) containing the eligibility criteria and formats for submission of data in this regard are also available on the website of CEA. (*http://www.cea.nic.in/dm/award_scheme_FY_2019.html*)

All the eligible distribution companies and franchisees who are willing to participate are requested to furnish the required data as per the revised formats given at Format-RF1 for Govt. Discoms & for private Discoms Format-RF2 of the Award Scheme for the best performing distribution companies and that for the best performing RDFs in Format-RF3 to this office latest by 31th Oct, 2019. It is further requested that the relevant format for capturing the data duly filled in MS-Excel worksheet may also be submitted by e-mail to award201415@gmail.com.

It may also be noted that the concerned distribution licensee 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 distribution licensee 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.

Encl: As Above

(आलोक द्विवेदि(
उप निदेशक

NR

Managing Director Dakshin Haryana Bijli Vitran Nigam Ltd (DHBVNL) Vidyut Nagar, Shakti Sadan Hissar (Haryana) 125005	Commissioner Secretary(Power) Power Development Department (PDD J&K), Civil Sectt. Government of Jammu & Kashmir, Jammu (J&K) 180 001
Managing Director Uttar Haryana Bijli Vitran Nigam Ltd. (UHBVNL) Shakti Bhawan, Sector-VI Panchkula (Haryana) 134109	Chairman Punjab State Power Corporation Limited (PSCL) The Mall, Patiala (Punjab) – 147001
Chairman Himachal Pradesh State Electricity Board Limited (HPSEB Ltd), Vidyut Bhawan Shimla (HP) 171004	Managing Director Ajmer Vidyut Vitran Nigam Ltd. (AVVNL) City Power House, Hathibhata Ajmer (Rajasthan) 305001
Chairman & Managing Director Jaipur Vidut Vitran Nigam Ltd (JVVNL) Vidyut Bhawan, Janpath, Jyoti Nagar Jaipur (Rajasthan) 302005	Chairman & Managing Director Jodhpur Vidyut Vitran Nigam Ltd. (JVVNL) New Power House, Industrial Estate Jodhpur (Rajasthan) 342003
Chief Executive Officer BSES Yamuna Power Ltd. (BYPL) Shakti Kiran Building, Karkardooma Delhi 110092	Managing Director Paschimanchal Vidhyut Vitran Nigam Ltd. (PVVNL) Urja Bhawan Hydel Colony, Victoria Park, Meerut (UP) 250001
Chief Executive Officer BSES Rajdhani Power Ltd. (BRPL) BSES HOUSE (Shakti Bhawan), Nehru Place New Delhi 110019	Managing Director Poorvanchal Vidyut Vitran Nigam Ltd Poorvanchal Vidyut Bhawan Vidyut Nagar P.O. DLW, Varanasi (UP) 221004
Chief Engineer (Electrical) New Delhi Municipal Council (NDMC) Palika Kendra, Sansad Marg New Delhi 110001	Managing Director Kanpur Electric Supply Company Ltd (KESCO) 14/71 Civil lines, KESA House Kanpur (Uttar Pradesh
Managing Director Madhyanchal Vidhyut Vitran Nigam Ltd.(MVVNL) 4A, Gokhale Marg, Lucknow (UP) 226001	Chief Executive Officer Tata Power Delhi Distribution Ltd. (TPDDL), Grid Sub-station Building Hudson Lines, Kingsway Camp Delhi 110009

Managing Director Dakshinanchal Vidyut Vitran Nigam Ltd. (DVVNL) Urja Bhawan, NH2 Sikandra, Agra (UP) 282007	Superintending Engineer Electricity Department UT Secretariat, Sector-9 Chandigarh 160009
Managing Director Noida Power Company Ltd. (NPCL) Commercial Complex, H-Block, Alpha-II Sector Greater Noida City (UP) 201308	Chairman & Managing Director Uttranchal Power Corporation Ltd. (UPCL) Urja Bhawan, Kanwali Road Dehradun (Uttranchal) 248006

WR

Chairman & Managing Director M.P. Paschim Kshetra Vidut Vitran Company Ltd. (MP PaschimKVVNL) GPH Compus, Polo Ground Indore (MP) 452003	Chairman & Managing Director Paschim Gujarat Vij Company Ltd. (PGVCL) Paschim Gujarat Vij Sewa Sadan, Off Nana Mava Road, Laxinagar Rajkot(Gujarat) 360004
Chairman & Managing Director M.P. Madhya Kshetra Vidut Vitran Company Ltd. (MP Madhya KVVNL) Govindpura Bhopal (MP) 462023	Chairman & Managing Director Madhya Gujarat Vij Company Ltd. (MGVCL) 5th Floor, Sardar Patel Vidyut Bhavan, Race Course, Vadodara (Gujarat) 390007
Chairman & Managing Director M.P. Poorvi Kshetra Vidut Vitran Company Ltd. . (MP Poorvi KVVNL) Block No. 7, Shakti Bhawan, Rampur, Jabalpur (MP) 482008	Chairman & Managing Director Uttar Gujarat Vij Company Ltd. (UGVCL) UGVCL Regd. & Corporate Office, Visnagar Road, Mehsana (Gujarat) -384001
Chairman & Managing Director Dakshin Gujarat Vij Company Limited (DGVCL) Registered & Corporate Office " Urja Sadan " Nana Varachha Road, Kapodara, SURAT-395 006	Chairman & Managing Director Chhattisgarh State Power Distribution Company Ltd. Vidyut Seva Bhawan, Daganiya P. O.- Sunder Nagar Raipur (Chhattisgarh) 492013
Chairman & Managing Director Reliance Energy Ltd. (REL) Electricity House, Santacruz) E)/ Mumbai (Maharashtra) 400055	Chairman & Managing Director Torrent Power Ltd Torrent House, Ashram Road Ahmedabad (Gujarat) 380001
Chairman Brihan Mumbai Electric Supply & Transport Undertaking (BEST) BEST Bhawan, BEST Marg Mumbai (Maharashtra) 400001	Chairman Maharastra State Electricity Distribution Company Limited(MSEDCL) Prakashgad, Plot G 9 , 4th floor Bandra (E), Mumbai – 400051

Chairman & Managing Director Tata Power Bombay House, 24, Homi Mody Street Mumbai (Maharashtra) 400001	Chief Engineer (Electrical) Electricity Department, Vidyut Bhawan Government of Goa Panaji (Goa) 403001
Executive Engineer Electricity Department Administration of Dadra & Nagar Haveli (D&NH) Post Naroli, Silvassa 396235	Executive Engineer Electricity Department Administration of Daman & Diu Moti Daman 396210 Ph :0260-2240190

SR

Managing Director South Power Distribution Company of Telangana Ltd., (TSSPDCL) No 6-1-50, Mint Compund, Hyderabad – 500 063	Managing Director Northern Power Distribution Company of Telangana Ltd., (TNPDCL) House NO 2-5-31/2, Corporate Office, Vidyut Bhavan, Nakkalagutta, Hanumankund, Warangal – 506 001.
Managing Director Eastern Power Distribution Company of Andhra Pradesh (APEPDCL) House No. 30-14-9, Sarasvati Park, DABA Garden, Vishakapatnam (AP) 530020	Managing Director Southern Power Distribution Company of Andhra Pradesh (APSPDCL) House No. 19-3-13 (M), Renugunitta Road Tirupati (AP) 517501
Chairman & Managing Director Bangalore Electricity Supply Company Ltd. (BESCOM), Corporate Office, K.R. Circle Bangalore, (Karnataka) 560001	Managing Director Mangalore Electricity Supply Company Ltd. (MESCOM), Corporate Office, Paradigm Plaza, A.B. Shetty circle, Mangalore (Karnataka) 575001
Managing Director Hubli Electricity Supply Company Ltd. (HESCOM) Corporat Office, Navanagar, P.B. Road Hubli (Karnataka) 580025	Managing Director Gulbarga Electricity Supply Company Ltd. (GESCOM), Gulbarga Main Road Gulbarga (Karnataka) 585102
Managing Director Chamundeshwari Electricity Supply Corporation Ltd (CESCOM), Corporate Office No. 927, L J Avenue, New Kanthraj Urs Road , Saraswathipuram Mysore (Karnataka) 570009	Managing Director Kerala State Electricity Board (KSEB) Vidyuithi Bhavanam, Pattom Thiruvananthapuram (Kerala) 695004
Executive Director Kanan Devan Hills Plantations Company Private Limited (KDHP), Registered Office: KDHP House, Munnar-685 612, Idukki District, Kerala.	Chairman Tamil Nadu Generation and Distribution Corporation Limited (TANGEDCO) 800, NPKR Ramasamy Maligai, Annasalai, Chennai – 600002, Tamil Nadu
Executive Engineer Divisional Office, Lakshadweep Electricity Department, Kavaratti Island, UT of Lakshadweep Kavaratti (Lakshadweep) 682555	Superintending Engineer-I Electricity Department Gingee Salai, Government of Puducherry Puducherry - 605 001
Superintending Engineer Electricity Department Andaman & Nicobar Administration Port Blair (A&N Islands) 744101	Senior Director, IEEMA, Corporate Office, Rishyamook Building, First Floor, 85 A, Pnchkuian Road, New Delhi – 110 001

ER

Managing Director North Bihar Power Distribution Com. Ltd. Vidyut Bhawan, Bailey Road Patna (Bihar) 800001	Managing Director South Bihar Power Distribution Com. Ltd. Vidyut Bhawan, Bailey Road Patna (Bihar) 800001
Managing Director Southern Electricity Supply Company Limited (SOUTHCO) Court Peta, Berhampur Orissa 760004	Managing Director Western Electricity Supply Company Limited (WESCO) Burla, District- Sambalpur Orissa 768017
Managing Director North-Eastern Electricity Supply Company Limited (NESCO), Jajganj, Balasore Balasore (Orissa) 756019	Chief Executive Officer Central Electricity Supply Company Limited (CESCO) IDCO Tower, 2nd Floor, Janpath Bhubaneshwar, (Orissa) 751022
Chairman & Managing Director West Bengal State Electricity Distribution Company Ltd (WBSEDCL) Bidyut Bhawan, Sector-II, B Block , Bidhannagar Kolkata (WB) 700091	Chairman, The Durgapur Projects Ltd (DPL) 1593, Rajdanga Main Road Kolkata- 700 107 West Bengal
Chairman, Damodar Valley Corporation (DVC) DVC HEADQUARTERS DVC Towers, VIP Road Kolkata-700054	Executive Director Calcutta Electric Supply Company Limited (CESC), CESC House, Chowring Sq. Kolkata (WB) 700001
Chief Executive Officer Dishergarh Power Supply Co. Ltd., (DPSCL) Plot No.- X-1, 2 & 3 Block EP, Sector-V, Salt Lake, Kolkata - 700 091,	Chairman Jharkhand State Electricity Board (JSEB) Engineering Building., HEC, Dhurwa Ranchi (Jharkhand) 834004
Jamshedpur Utilities and Services Company (Jusco) Sakchi Boulevard Road Northern Town, Bistupur Jamshedpur 831 001, India	

NER

Chairman and Managing Director Assam Power Distribution Company Limited (APDCL) 4th Floor, Bijulee Bhawan Paltan Bazar , Guwahati - 781001 Assam – India	Chairman Meghalaya Energy Corporation Limited (MeECL) Lum Jingshai, Short Round Road Shillong (Meghalaya) 793001
Managing Director Manipur State Power Distribution Company Limited (MSPDCL) Keishampat, Imphal West, Manipur 795001	Chief Engineer Power & Electricity Department Government of Mizoram Aizwal (Mizoram) 796001
Chief Engineer Department of Power Government of Nagaland Kohima (Nagaland) 797001	Chairman & Managing Director Tripura State Electricity Corporation Limited , Bidyut Bhawan North Banamalipur Agartala (Tripura) 799001
Chief Engineer (Power) Sh. Anang Perme Power Department Government of Arunachal Pradesh Itanagar (Arunachal Pradesh) 791111	Senior Director, IEEMA, Corporate Office, Rishyamook Building, First Floor, 85 A, Pnchkuian Road, New Delhi – 110 001

**Performance Award Scheme for Government owned Distribution Companies
for the consideration year 2018-19**

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).

3.0   Eligibility

Following criteria shall make Govt Discoms eligible for participation in the award scheme

i)   All the distribution companies having valid electricity distribution license given by the Appropriate Electricity Regulatory Commission (ERC) engaged in the business of electricity distribution for consumers, are eligible for participation in the 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 during the consideration year.

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=

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

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

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 is 30th September, 2019 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 (DM),
Distribution Monitoring Division
Central Electricity Authority
Room No. 629, 6th Floor (North Wing), Sewa Bhawan, R.K. Puram
New Delhi-110066
Tele Fax 011-26715396

Email award201415@gmail.com,

Evaluation Criteria for Award Scheme for Best Performing Government owned Distribution Companies for the consideration year 2018-19

Qualifying Bench Mark for the Award: -

Only those **Govt Discoms** who have AT&C losses of 25% or less in the year 2017-18 (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 2017-18 as compared to 2016-17).

1.1   Percentage AT&C Loss in the consideration year   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 for the consideration year 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:
                                                                      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) in the consideration year: 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 upto the end of consideration year: 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 upto end of consideration year   Maximum Marks= 3

Cut-off level of DT metering for the consideration year 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 upto end of consideration year   Maximum Marks= 3

Cut-off level of Feeder metering for the consideration year 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 for the consideration year is   :   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 for the consideration year is   :   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 %**

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(with two way function module as per BIS 16444) installed upto end of the consideration year 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)**

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 criteria for the consideration year:

Sl. No.	Particulars	Max Marks
A	Average duration of outages 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   Maximum Marks=5

Marks awarded = Max marks x (Max value of average Nos. of outages – Utility's Average Nos. of outages)/(Max value of average Nos. of outages – Min value of average Nos. of outages)

Example:

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

Utility B having minimum average Nos. of outages would get full 03 marks, Utility C having maximum average Nos. 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, Zero mark shall be awarded on this particular parameter.

c) Prepaid Metering   Maximum Marks=2.5

A Utility which has introduced prepaid metering (Smart Prepaid or Normal Prepaid) 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 Call Centers phone number 1912   **Maximum Marks =5**

A Utility which has implemented Electricity Call Centers phone number " 1912" for consumer complaints and reporting of theft etc in its area of operation will be given 5 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

7. 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

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

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

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

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

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

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

8.0 Supporting Information:

Discoms/licensee also required to furnish the following related data/ information for three years, which will supplement the facts of performances, progress/ achievement etc of above parameters.

1. Capex data (for 33KV and Below system of Distribution)

Description	2016-17	2017-18	2018-19
Capex, Rs Cr			

2. Pumpsets energized for Irrigation work

Description	2016-17	2017-18	2018-19
Pumpset(grid connected), Nos			
Pumpset(Offgrid/Solar), Nos			

3. Reliability Index(RI) at Discom level

Description	2016-17	2017-18	2018-19
SAIFI			
SAIDI			
MAIFI			

FORMAT FOR DATA REQUIREMENT :

1.   DATA FOR AT&C LOSSES

Sl. No.	Item	Unit	2016-17	2017-18	2018-19
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

B.   FINANCIAL TURNAROUND

Sl. No.	Item	Unit	2016-17	2017-18	2018-19
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)

C.   METERING

Sl. No.	Item	Unit	2016-17	2017-18	2018-19
A1	Total DTs existing	Nos.			
A2	Total DTs metered	Nos.			
B1	Total consumers (excluding Agricultural consumers	Nos.			
B2	Total Consumers metered (excluding Agricultural consumers)	Nos.			
B3	Total agricultural consumers	Nos.			
B4	Total agricultural consumers metered	Nos.			
B5	Total Consumers(B1+B3)	Nos			
C1	Total Feeders metered	Nos			
D1	Total Smart meters introduced	Nos			

D. **POWER SUPPLY and Reliability**

Sl. No.	Item	Unit	2016-17	2017-18	2018-19
1.	Total No. of 11 kV feeders	No.			
2.	Total No. of outages of 11 kV feeders (in 2017-18)	No.			
3.	Summation of duration of outages of all the 11 kV feeders (in 2017-18)	Hrs			
4.	Total No. of distribution transformers (DT) *	No.			
5.	No. of distribution trans-formers failed (during 2017-18) *	No.			

* Shall include the DTs in operation only

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 nos. of installations functional in the consideration year.
3	Introduction of prepaid meters	Indicate consumer category for which prepaid meters has been installed and nos. of functional installations in the consideration year.
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

F. Nos. of Consumers Served at Various Voltage Levels

Voltage class	Nos. of consumers served	% Sales
Above132KV		
132 kV		
66 kV		
33 kV		
11 kV		
6.6 kV		
415 V		
230 V		
Total		

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)

G. Consumer Care and safety

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

	2016-17	2017-18	2018-19
1. Implementation of 1912			
2. Nos of accidents-Fatal			

**Performance Award Scheme for Private Distribution Companies
for the consideration year 2018-19**

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).

3.0   Eligibility
Following criteria shall make Private Discoms eligible for participation in the award scheme

i)   All the **Private Discoms** having valid electricity distribution license given by the Appropriate Electricity Regulatory Commission (ERC) engaged in the business of electricity distribution for consumers,

ii)   **Private Discoms** having AT&C loss of 15% or less during the consideration year.

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=

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

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

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 is 30th September, 2019 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 (DM),
Distribution Monitoring Division
Central Electricity Authority
Room No. 629, 6th Floor (North Wing), Sewa Bhawan, R.K. Puram
New Delhi-110066
Tele Fax 011-26715396

Email award201415@gmail.com

Evaluation Criteria for Award Scheme for Best Performing Private Distribution Companies for the consideration year 2017-18

Qualifying Bench Mark for the Award:-

Only those **Private Discoms** who have AT&C losses of 25% or less in the consideration year (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 2018-19 as compared to 2017-18).

1.1   Percentage AT&C Loss in the consideration year   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 in the consideration year   Maximum Marks= 5

Cut-off level of IT Enablement of Feeders upto the end of the consideration year 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.
                                                  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) in the consideration year: 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 upto end of consideration year   Maximum Marks= 3

Cut-off level of DT metering for the consideration year 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   upto end of consideration year   Maximum Marks= 3

Cut-off level of Feeder metering for the consideration year 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 for the consideration year is 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 for the consideration year is 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 (with two way function module as per BIS 16444) 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 criteria for the consideration year:

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   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, zero mark shall be awarded on this particular parameter.

c) Prepaid Metering   Maximum Marks=2.5

A Utility which has introduced prepaid metering (Smart Prepaid or Normal Prepaid) 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 Call Centers phone number 1912   Maximum Marks =5

A Utility which has implemented Electricity Call Centers phone number " 1912" for consumer complaints and reporting of theft etc in its area of operation will be given 5 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

7. 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 = $0.7 + 0.15 \times \left(\dfrac{\text{No.of consumers of the DISCOM } - \text{Minimum No.of consumers in the range}}{\text{Maximum No.of consumers in the range} - \text{Minimum No.of consumers in the range}} \right)$

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

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$\left(\frac{800000-200}{800000-20000}\right)$+0.15 x$\left(\frac{30-20}{50-20}\right)$= 0.90

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

8, Supporting Information:

Discoms/licensee also required to furnish the following related data/ information for three years, which

will supplement the facts of performances, progress/ achievement etc of above parameters.

1. Capex data (for 33KV and Below system of Distribution)

Description	2016-17	2017-18	2018-19
Capex, Rs Cr			

2. Pumpsets energized for Irrigation work

Description	2016-17	2017-18	2018-19
Pumpset(grid con-nected), Nos			
Pumpset(Offgrid/Solar), Nos			

3. Reliability Index(RI) at Discom level

Description	2016-17	2017-18	2018-19
SAIFI			
SAIDI			
MAIFI			

FORMAT FOR DATA REQUIREMENT

1.   DATA FOR AT&C LOSSES

Sl. No.	Item	Unit	2016-17	2017-18	2018-19
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

B.   FINANCIAL TURNAROUND

SI. No.	Item	Unit	2016-17	2017-18	2018-19
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)

C.   METERING

SI. No.	Item	Unit	2016-17	2017-18	2018-19
A1	Total DTs existing	Nos.			
A2	Total DTs metered	Nos.			
B1	Total consumers (excluding Agricultural consumers	Nos.			
B2	Total consumers metered (excluding Agricultural consumers)	Nos.			
B3	Total agricultural consumers	Nos.			
B4	Total agricultural consumers metered	Nos.			
B5	Total Consumers(B1+B3)	Nos.			
C1	Total Feeders metered	Nos.			
D1	Total Smart meters introduced	Nos.			

D.   POWER SUPPLY and Reliability

SI. No.	Item	Unit	2016-17	2017-18	2018-19
1.	Total Nos. of 11 kV feeders	No.			
2.	Total Nos. 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 Nos. of distribution transformers (DT) *	No.			
5.	Nos. of distribution transformers failed (during 2016-17) *	No.			

Shall include the DTs in operation only

E. Demand Side Management

SI. 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 in the consideration year
3	Introduction of prepaid meters	Indicate consumer category for which prepaid meters has been installed and nos. of functional installations in the consideration year
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

F. No. of Consumers Served at Various Voltage Levels

Voltage class	Nos. of consumers served	% Sales
Above132KV		
132 kV		
66 kV		
33 kV		
11 kV		
6.6 kV		
415 V		
230 V		
Total		

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)

G. Consumer Care and safety

	2016-17	2017-18	2018-19
1. Implementation of 1912			
2. Nos of accidents-Fatal			

Performance Award Scheme for Rural Distribution Franchisees (RDFs)
(Consideration Year 2018-19)

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 for participation under this scheme are as follows:

3.1   Rural distribution franchisees have been operating in the consideration year for the villages which have been declared electrified (either under RGGVY or DDUGJY or any other scheme) as per the definition of the village electrification

3.2   Rural distribution franchisees that have provided metered service connections to 95% or more consumers in the consideration year.

3.3   Rural distribution franchisees *achieving* 95% *or more revenue* collection of billed amount *in* the consideration year.

3.4   Rural distribution franchisees that are operating as franchisee for the *complete financial* year (counted from 1st of April of year to 31st of March following year) of the consideration year.

3.5 Rural distribution franchisees having minimum 1000 (one thousand) number of consumers in the consideration year.

3.6 Rural Distribution franchisees *a) having AT&C loss equal or less 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 equal or 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 is 30th September, 2019 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 (DM),
Distribution Monitoring Division
Central Electricity Authority
Room No. 629, 6th Floor (North Wing), Sewa Bhawan, R.K.Puram,
New Delhi-110066
Tele Fax 011-26715396

Email award201415@gmail.com

Evaluation Criteria for Performance Award Scheme for Rural Distribution Franchisees (RDFs) for the consideration Year 2018-19

1.0   Bench Mark Parameters for the Award Scheme.

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 minimum 1000 (one thousand) *number of consumers shall be eligible under this award scheme.*

1.4   Rural Distribution franchisees *a) having AT&C loss equal or less 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 (average) equal or less than the concerned Discoms/State Power department shall 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

Parameters for Performance Award Scheme for Rural Distribution Franchisees (RDFs)
(To be submitted to Distribution licensee by the franchisees)

Consideration year :2018-19

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)	

Sl. No.	Particulars	2016-17	2017-18	2018-19
1	Total Nos. of consumers at the end of consideration year			
2	Nos. 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 Nos. 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**)			

Award Scheme for Rural Distribution Franchisees(RF-3)

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	2016-17	2017-18	2018-19
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 $\{1-(U_R/U_I)\}*100$	%			

**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:--

SI. 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				

Award Scheme for Rural Distribution Franchisees(RF-3)

	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.