

Amendment – XXIII dated 17.09.2021 on the Request for Proposal and Transmission Service Agreement issued for selection of bidder as Transmission Service Provider to establish “Transmission system for evacuation of power from RE projects in Osmanabad area (1 GW) in Maharashtra” through tariff based competitive bidding process

Sl. No.	Clause No.	Existing Clause	New / Revised Clause
1.	Bid Bond	Bid Bond	Bid Security Declaration
2.	Annexure 1 – Covering Letter	Bid Bond We have enclosed a Bid Bond of Rupees.....Crores (Rs.) only or US\$ (.....US Dollars), in the form of bank guarantee no.....[Insert number of the Bank Guarantee] dated.....[Insert Date of the Bank Guarantee] as per your proforma (Annexure-14) from.....[Insert name of bank providing Bid Bond] and valid up toin terms of Clause 2.11 of the RFP.	Bid Bond We have enclosed a Bid Security Declaration as per your proforma (Annexure-14).
3.	Annexure 6 – Format for Consortium Agreement	13. It is hereby agreed that if the Bidding Consortium is qualified to submit a Bid, the Lead Member shall furnish the bid bond, as stipulated in the RFP, on behalf of the Consortium Members.	13. It is hereby agreed that if the Bidding Consortium is qualified to submit a Bid, the Lead Member shall furnish the bid security declaration , as stipulated in the RFP, on behalf of the Consortium Members.
4.	Format of Bid Bond	Format of Bid Bond	Format of Bid Security Declaration attached at Annex-1
5.	Annexure-16	ANNEXURE 16 – Format of Checklist for Technical Bid Submission Requirements Bid Bond	ANNEXURE 16 – Format of Checklist for Technical Bid Submission Requirements Bid Security Declaration
6.	2.5.8.1(a) of RFP	The aggregate equity share holding of the Selected Bidder, in the issued and paid up equity share capital of _____ [Insert Name of SPV] shall not be less than the following: i. Fifty-one percent (51%) up to a period of (2) two years after COD of the Project; and	The aggregate equity share holding of the Selected Bidder, in the issued and paid up equity share capital of _____ [Insert Name of SPV] shall not be less than Fifty one percent (51%) up to a period of (1) one year after COD of the Project;

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		<p>ii. Twenty six percent (26%) for a period of three (3) years thereafter.</p>	
7.	2.5.8.1 (b) of RFP	<p>In case the Selected Bidder is a Bidding Consortium, then any Member (other than the Lead Member) of such Bidding Consortium shall be allowed to divest its equity as long as the other remaining Members (which shall always include the Lead Member) hold the minimum equity specified in (i) and (ii) above.</p>	<p>In case the Selected Bidder is a Bidding Consortium, then any Member (other than the Lead Member) of such Bidding Consortium shall be allowed to divest its equity as long as the other remaining Members (which shall always include the Lead Member) hold the minimum equity specified in clause 2.5.8.1 (a) above.</p>
8.	2.5.8.1 (c) of RFP	<p>If equity is held by the Affiliates,</p> <p>Provided further, that the aggregate equity share holding of the Bidding Consortium or a Bidding Company in the issued and paid up equity share capital of _____ [Insert Name of SPV] shall not be less than fifty one percent (51%) up to a period of two (2) years after COD of the Project and the lead Member of the Consortium shall have the equity share holding not less than twenty six percent (26%). The Lead Member shall continue to hold equity of at least twenty six percent (26%) up to a period of five (5) years after COD of the Project. In case the Selected Bidder is a Bidding Consortium, then any Member (other than the Lead Member) of such Bidding Consortium shall be allowed to divest its equity as long as the other remaining Members (which shall always include the Lead Member) hold the minimum equity specified in (a)(i) and (a)(ii) above.</p>	<p>If equity is held by the Affiliates,</p> <p>Provided further, that the aggregate equity share holding of the Bidding Consortium or a Bidding Company in the issued and paid up equity share capital of _____ [Insert Name of SPV] shall not be less than fifty one percent (51%) up to a period of one (1) year after COD of the Project and the lead Member of the Consortium shall have the equity share holding not less than twenty six percent (26%). The Lead Member shall continue to hold equity of at least twenty six percent (26%) up to a period of one (1) year after COD of the Project. In case the Selected Bidder is a Bidding Consortium, then any Member (other than the Lead Member) of such Bidding Consortium shall be allowed to divest its equity as long as the other remaining Members (which shall always include the Lead Member) hold the minimum equity specified in clause 2.5.8.1 (a) above..</p>
9.	18.2.1 of TSA	<p>The aggregate equity share holding of the Selected Bidder in the issued and paid up equity share capital of [Insert Name of the SPV] shall not be less than following:</p> <p>i. Fifty-one percent (51%) up to a period of (2) two years after COD of the Project; and</p> <p>ii. Twenty six percent (26%) for a period of three (3) years thereafter.</p>	<p>The aggregate equity share holding of the Selected Bidder in the issued and paid up equity share capital of [Insert Name of the SPV] shall not be less than Fifty-one percent (51%) up to a period of (1) one year after COD of the Project.</p> <p>Provided that, in case the Lead Member or Bidding Company is holding equity through Affiliate/s, Ultimate Parent Company or Parent Company, such restriction as specified above shall apply to such entities.</p>

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		<p>Provided that, in case the Lead Member or Bidding Company is holding equity through Affiliate/s, Ultimate Parent Company or Parent Company, such restriction as specified above shall apply to such entities.</p> <p>Provided further, that in case the Selected Bidder is a Bidding Consortium, the Lead Member shall continue to hold equity of at least twenty six percent (26%) upto a period of five (5) years after COD of the Project and any Member of such Bidding Consortium shall be allowed to divest its equity as long as the other remaining Members (which shall always include the Lead Member) hold the minimum equity specified in (a) and (b) above.</p>	<p>Provided further, that in case the Selected Bidder is a Bidding Consortium, the Lead Member shall continue to hold equity of at twenty six percent (26%) upto a period of one (1) year after COD of the Project and any Member of such Bidding Consortium shall be allowed to divest its equity as long as the other remaining Members (which shall always include the Lead Member) hold the minimum equity specified above.</p>
10.	Contents Table of TSA	Schedule: 9 Appendix III to V of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014	<u>Schedule: 9 Appendix II & III of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019</u>
11.	Article:1 of TSA Definition	“Availability” in relation to the Project or in relation to any Element of the Project, for a given period shall mean the time in hours during that period the Project is capable to transmit electricity at its Rated Voltage and shall be expressed in percentage of total hours in the given period and shall be calculated as per the procedure contained in <u>Appendix – III to Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014</u> attached herewith in Schedule 9;	“Availability” in relation to the Project or in relation to any Element of the Project, for a given period shall mean the time in hours during that period the Project is capable to transmit electricity at its Rated Voltage and shall be expressed in percentage of total hours in the given period and shall be calculated as per the procedure contained in <u>Appendix –II to Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019</u> attached herewith in Schedule 9;
12.	Article:8 of TSA Availability	8.1 Calculation of Availability for the Elements and for the Project, as the case may be, shall be as per <u>Appendix III of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014</u> , as applicable seven (7) days prior to the Bid Deadline and as appended in Schedule 9	8.1 Calculation of Availability for the Elements and for the Project, as the case may be, shall be as per <u>Appendix –II of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019</u> , as applicable seven (7) days prior to the Bid Deadline and as appended in Schedule 9

Sl. No.	Clause No.	Existing Clause	New / Revised Clause
13.	Article:11 of TSA Force Majeure	<p>11.7 Available Relief for a Force Majeure Event</p> <p>a.....</p> <p>b.....</p> <p>c. For the avoidance of doubt, it is clarified that the computation of Availability of the Element(s) under outage due to Force Majeure Event, as per Article 11.3 affecting the TSP shall be as per <u>Appendix III to the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations 2014</u>, as on seven (7) days prior to the Bid Deadline. For the event(s) for which the Element(s) is/are deemed to be available as per <u>Appendix III to the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations 2014</u>, then only the Non Escalable Transmission Charges, as applicable to such Element(s) in the relevant Contract Year, shall be paid by the Long Term Transmission Customers as per Schedule 5, for the duration of such event(s).</p>	<p>11.7 Available Relief for a Force Majeure Event</p> <p>a.....</p> <p>b.....</p> <p>c. For the avoidance of doubt, it is clarified that the computation of Availability of the Element(s) under outage due to Force Majeure Event, as per Article 11.3 affecting the TSP shall be as per <u>Appendix II to the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations 2019</u>, as on seven (7) days prior to the Bid Deadline. For the event(s) for which the Element(s) is/are deemed to be available as per <u>Appendix II to the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations 2019</u>, then only the Non Escalable Transmission Charges, as applicable to such Element(s) in the relevant Contract Year, shall be paid by the Long Term Transmission Customers as per Schedule 5, for the duration of such event(s).</p>
14.	Schedule: 5 of TSA Computation of Transmission Charges	<p>1.1 g)</p> <p>The Availability shall be calculated as per the procedure specified in <u>Appendix III of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014</u> as notified by CERC and as attached herewith.</p>	<p>1.1 g)</p> <p>The Availability shall be calculated as per the procedure specified in <u>Appendix II of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations 2019</u> as notified by CERC and as attached herewith.</p>
15.	Schedule: 9 of TSA	<p>Appendix III of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014</p>	<p><u>Appendix II of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations 2019 as Attached at Annex-2 herewith.</u></p>
16.	Value of Contract Performance Guarantee	<p>Rupees Twelve Crore Sixty Lakh Only (Rupees 12.60 Crore Only)</p>	<p>All the reference to the value of CPG shall be read and referred as:</p> <p>Rupees Five Crore Three Lakh Only (Rupees 5.03 Crore Only)</p>

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17.	RFP Annexure-B Technical Specifications of Transmission System	<u>19. For the transmission lines to be laid within 50 Kms of the border of the two wind zones specified in the Wind Map, towers shall be designed for the higher of the two wind zones.</u>	<u>19. For transmission line sections passing within a distance of 50 km from the boundary of the two wind zones, higher of the two wind zones shall be considered for design of towers located in such sections.</u>
18.	RFP Annexure-B Technical Specifications of Transmission System	New Insertion	<u>20. Wherever the transmission line is passing through cyclone prone areas i.e. areas upto 60 km from coast:</u> <ol style="list-style-type: none"> a. <u>K4 factor (Importance factor for cyclonic region) of 1.3 shall be considered for tower design.</u> b. <u>Terrain Category- I (K2=1.08) shall be used for transmission lines in exposed open terrain with few or no obstruction and open sea coasts.</u> c. <u>The number of consecutive spans between the section points / angle point shall not exceed 10 spans or 3km instead of conventional practice of 15 spans or 5km in order to reduce the failure of such towers in coastal areas due to cascading effect. The section shall be terminated with tension towers/angle towers and angle of deviation should be based on the site requirement.</u> d. <u>Measures for foundation & reinforcement of foundation and protection against corrosion</u> <ol style="list-style-type: none"> i. <u>Ready mix concrete of M30 Grade shall be used to avoid use of locally available saline water. However, design mix concrete of M30 Grade with potable water can be used at locations where transportation of ready mix concrete is not feasible. Minimum</u>

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			<p><u>cement content in any case shall not be less than 330kg/m3.</u></p> <p><i>ii.</i> <u>Double coat 20mm thick cement plaster shall be provided on all exposed concrete surface as well up to 300mm below Ground level to give protection to concrete surface from environmental and saline effect.</u></p> <p><i>iii.</i> <u>The surface of the reinforced steel may be treated with epoxy based coating to enhance corrosion performance of foundation in coastal areas. Use of epoxy coated reinforcement in foundation shall be as per IS 13620. In addition, two (2) coats of bituminous painting of minimum 1.6kg/m2 per coat shall be applied on all exposed faces of foundation (i.e. pedestal & base slab)</u></p> <p><i>e.</i> <u>The top of the chimney of foundation should be atleast above HFL or the historical water stagnation/logging level (based on locally available data) or above High Tide Level of 500 mm above Natural Ground Level (whichever is higher) in areas prone to flooding/water stagnation like paddy filed/agricultural field and undulated areas to avoid direct contact of water with steel part of tower.</u></p> <p><i>f.</i> <u>Before coping of chimney top portion, three coats of anti-corrosive paint of minimum 30-35 microns dry film thickness each shall be applied on the stub in the 50mm coping portion as well as up to 350mm above CL portion.</u></p>

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20.	Details of BPC	Chief Executive Officer REC Transmission Projects Company Ltd. (a wholly owned subsidiary of REC Ltd.)	Chief Executive Officer, REC Power Development and Consultancy Limited (formerly REC Power Distribution Company Limited)																				

Amendment to RFP & TSA: Transmission system for evacuation of power from RE projects in Osmanabad area (1 GW) in Maharashtra

Sl. No.	Clause No.	Existing Clause	New / Revised Clause
		#ECE House, 3rd Floor, Annexe – II, 28A, K.G. Marg, New Delhi – 110 001, India	(A wholly owned subsidiary of REC Limited) REC Corporate Head Quarter, D Block, Plot No. I – 4, Sec – 29 Gurugram – 122 001

ANNEXURE 14 - FORMAT OF THE BID SECURITY DECLARATION

[On the Letter Head of the Bidding Company/Lead Member of Bidding Consortium]

Date:

To,

**Chief Executive Officer,
REC Power Development and Consultancy Limited
(formerly REC Power Distribution Company Limited)
(A wholly owned subsidiary of REC Limited)
REC Corporate Head Quarter,
D Block, Plot No. I – 4,
Sec – 29 Gurugram – 122 001**

Dear Sir,

Sub: Bid Security Declaration in lieu of Bid Bond in respect of Bid for selection of TSP to establish transmission system for “Transmission system for evacuation of power from RE projects in Osmanabad area (1 GW) in Maharashtra”

Being duly authorized to present and act on behalf of M/s (insert name of Bidding Company / Bidding Consortium) (hereinafter called the “Bidder”) and having read and examined in detail the Request for Proposal (RFP) document, the undersigned hereby agree the following:

1. We, (insert name of Bidding Company / Bidding Consortium) are submitting the Bid for establishing the transmission system for “Transmission system for evacuation of power from RE projects in Osmanabad area (1 GW) in Maharashtra” on build, own, operate and maintain basis, in response to the RFP dated _____ issued by _____ [Name of BPC], as per the terms of the RFP.
2. We, (insert name of Bidding Company / Bidding Consortium) are submitting this Bid Security Declaration in lieu of the Bid Bond.
3. We, (insert name of Bidding Company / Bidding Consortium) have read the terms & conditions of RFP in particular regarding invocation/ forfeiting of the Bid Bond by the BPC under various circumstances.

We agree that, (insert name of Bidding Company / Bidding Consortium) shall be suspended from participation in the bidding process for future Inter-State transmission projects of Ministry of Power, GoI to be developed through tariff based competitive bidding route for a period of two years from the bid submission date upon occurrence of a situation that otherwise would have led to revocation/forfeiture of Bid Bond as per provisions of RFP.

For and on behalf of Bidding Company/Consortium

M/s.....

.....
(Signature of authorised signatory)

Name:

Designation:

Date:

Place:

Appendix II of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations 2019

Procedure for Calculation of Transmission System Availability Factor for a Month

1. Transmission system availability factor for nth calendar month (“TAFPn”) shall be calculated by the respective transmission licensee, got verified by the concerned Regional Load Dispatch Centre (RLDC) and certified by the Member-Secretary, Regional Power Committee of the region concerned, separately for each AC and HVDC transmission system and grouped according to sharing of transmission charges. In case of AC system, transmission System Availability shall be calculated separately for each Regional Transmission System and inter-regional transmission system. In case of HVDC system, transmission System Availability shall be calculated on consolidate basis for all inter-state HVDC system.
2. Transmission system availability factor for nth calendar month (“TAFPn”) shall be calculated by consider following:
 - i) **AC transmission lines:** Each circuit of AC transmission line shall be considered as one element;
 - ii) **Inter-Connecting Transformers (ICTs):** Each ICT bank (three single phase transformer together) shall form one element;
 - iii) **Static VAR Compensator (SVC):** SVC along with SVC transformer shall form one element;
 - iv) **Bus Reactors or Switchable line reactors:** Each Bus Reactors or Switchable line reactors shall be considered as one element;
 - v) **HVDC Bi-pole links:** Each pole of HVDC link along with associated equipment at both ends shall be considered as one element;
 - vi) **HVDC back-to-back station:** Each block of HVDC back-to-back station shall be considered as one element. If associated AC line (necessary for transfer of inter-regional power through HVDC back-to-back station) is not available, the HVDC back-to-back station block shall also be considered as unavailable;
 - vii) **Static Synchronous Compensation (“STATCOM”):** Each STATCOM shall be considered as separate element.
3. The Availability of AC and HVDC portion of Transmission system shall be calculated by considering each category of transmission elements as under:

TAFMn (in %) for AC system:

$$= \frac{o \times AV_o + (p \times AV_p) + (q \times AV_q) + (r \times AV_r) + (u \times AV_u)}{(o + p + q + r + u)} \times 100$$

Where,

- o = Total number of AC lines.
- AV_o = Availability of o number of AC lines.
- p = Total number of bus reactors/switchable line reactors
- AV_p = Availability of p number of bus reactors/switchable line reactors
- q = Total number of ICTs.
- AV_q = Availability of q number of ICTs.
- r = Total number of SVCs.
- AV_r = Availability of r number of SVCs
- u = Total number of STATCOM.
- AV_u = Availability of u number of STATCOMs

TAFMn (in %) for HVDC System:

$$= \frac{\sum_{x=1}^s C_{xbp}(\text{act}) \times AV_{xbp} + \sum_{y=1}^t C_{ybtb}(\text{act}) \times AV_{ybtb}}{\sum_{x=1}^s C_{xbp} + \sum_{y=1}^t C_{ybtb}} \times 100$$

Where

- C_{xbp}(act) = Total actual operated capacity of xth HVDC pole
- C_{xbp} = Total rated capacity of xth HVDC pole

AV_{xpb}	=	Availability of x^{th} HVDC pole
$Cy_{btb}(\text{act})$	=	Total actual operated capacity of y^{th} HVDC back-to-back station block
Cy_{btb}	=	Total rated capacity of y^{th} HVDC back-to-back station block
AV_{ybtb}	=	Availability of y^{th} HVDC back-to-back station block
s	=	Total no of HVDC poles
t	=	Total no of HVDC Back to Back blocks

4. The availability for each category of transmission elements shall be calculated based on the weightage factor, total hours under consideration and non-available hours for each element of that category. The formulae for calculation of Availability of each category of the transmission elements are as per **Appendix-III**. The weightage factor for each category of transmission elements shall be considered asunder:
 - (a) For each circuit of AC line – Number of sub-conductors in the line multiplied by ckt-km;
 - (b) For each HVDC pole- The rated MW capacity x ckt-km;
 - (c) For each ICT bank – The rated MVA capacity;
 - (d) For SVC- The rated MVAR capacity (inductive and capacitive);
 - (e) For Bus Reactor/switchable line reactors – The rated MVAR capacity;
 - (f) For HVDC back-to-back station connecting two Regional grids- Rated MW capacity of each block; and
 - (g) For STATCOM – Total rated MVAR Capacity.
5. The transmission elements under outage due to following reasons shall be deemed to be available:
 - i. Shut down availed for maintenance of another transmission scheme or construction of new element or renovation/upgradation/additional capitalization in existing system approved by the Commission. If the other transmission scheme belongs to the transmission licensee, the Member Secretary, RPC may restrict the deemed availability period to that considered reasonable by him for the work involved. In case of dispute regarding deemed availability, the matter may be referred to Chairperson, CEA within 30 days.
 - ii. Switching off of a transmission line to restrict over voltage and manual tripping of switched reactors as per the directions of concerned RLDC.
6. For the following contingencies, outage period of transmission elements, as certified by the Member Secretary, RPC, shall be excluded from the total time of the element under period of consideration for the following contingencies:

- i) Outage of elements due to acts of God and force majeure events beyond the control of the transmission licensee. However, whether the same outage is due to force majeure (not design failure) will be verified by the Member Secretary, RPC. A reasonable restoration time for the element shall be considered by Member Secretary, RPC and any additional time taken by the transmission licensee for restoration of the element beyond the reasonable time shall be treated as outage time attributable to the transmission licensee. Member Secretary, RPC may consult the transmission licensee or any expert for estimation of reasonable restoration time. Circuits restored through ERS (Emergency Restoration System) shall be considered as available;
- ii) Outage caused by grid incident/disturbance not attributable to the transmission licensee, e.g. faults in substation or bays owned by other agency causing outage of the transmission licensee's elements, and tripping of lines, ICTs, HVDC, etc. due to grid disturbance. However, if the element is not restored on receipt of direction from RLDC while normalizing the system following grid incident/disturbance within reasonable time, the element will be considered not available for the period of outage after issuance of RLDC's direction for restoration;

Provided that in case of any disagreement with the transmission licensee regarding reason for outage, same may be referred to Chairperson, CEA within 30 days. The above need to be resolved within two months:

Provided further that where there is a difficulty or delay beyond sixty days, from the incidence in finalizing the recommendation, the Member Secretary of concerned RPC shall allow the outage hours on provisional basis till the final view.

7. Time frame for certification of transmission system availability: (1) Following schedule shall be followed for certification of availability by Member Secretary of concerned RPC:

- Submission of outage data by Transmission Licensees to RLDC/ constituents
 - By 5th of the following month;
- Review of the outage data by RLDC / constituents and forward the same to respective RPC – by 20th of the month;
- Issue of availability certificate by respective RPC – by 3rd of the next month.

Appendix-III

FORMULAE FOR CALCULATION OF AVAILABILITY OF EACH CATEGORY OF TRANSMISSION ELEMENTS

For AC transmission system

$$AV_o(\text{Availability of } o \text{ no. of AC lines}) = \frac{\sum_{i=1}^o W_i(T_i - T_{NAi})/T_i}{\sum_{i=1}^o W_i}$$

$$AV_q(\text{Availability of } q \text{ no. of ICTs}) = \frac{\sum_{k=1}^q W_k(T_k - T_{NAk})/T_k}{\sum_{k=1}^q W_k}$$

$$AV_r(\text{Availability of } r \text{ no. of SVCs}) = \frac{\sum_{l=1}^r W_l(T_l - T_{NAL})/T_l}{\sum_{l=1}^r W_l}$$

$$AV_p(\text{Availability of } p \text{ no. of Switched Bus reactors}) = \frac{\sum_{m=1}^p W_m(T_m - T_{NA_m})/T_m}{\sum_{m=1}^p W_m}$$

$$AV_u(\text{Availability of } u \text{ no. of STATCOMs}) = \frac{\sum_{n=1}^u W_n(T_n - T_{NAn})/T_n}{\sum_{n=1}^u W_n}$$

$$AV_{x_{bp}}(\text{Availability of an individual HVDC pole}) = \frac{(T_x - T_N)}{T_x}$$

$$AV_{y_{btb}}(\text{Availability of an individual HVDC Back-to-back Blocks}) = \frac{(T_y - T_{NAy})}{T_y}$$

For HVDC transmission system

For the new HVDC commissioned but not completed twelve months;

For first 12 months: $[(AV_{x_{bp}} \text{ or } AV_{y_{btb}}) \times 95\% / 85\%]$, subject to ceiling of 95%.

Where,

- o = Total number of AC lines;
- AV_o = Availability of o number of AC lines;
- p = Total number of bus reactors/switchable line reactors;
- AV_p = Availability of p number of bus reactors/switchable line reactors;
- q = Total number of ICTs;
- AV_q = Availability of q number of ICTs;
- r = Total number of SVCs;
- AV_r = Availability of r number of SVCs;
- U = Total number of STATCOM;

AV_u	=	Availability of u number of STATCOMs;
W_i	=	Weightage factor for i th transmission line;
W_k	=	Weightage factor for k th ICT;
W_l	=	Weightage factors for inductive & capacitive operation of l th SVC;
W_m	=	Weightage factor for m th bus reactor;
W_n	=	Weightage factor for n th STATCOM.
$T_i, T_k, T_l, T_m, T_n, T_x, T_y$	-	The total hours of i th AC line, k th ICT, l th SVC, m th Switched Bus Reactor & n th STATCOM, x th HVDC pole, y th HVDC back-to-back blocks during the period under consideration (excluding time period for outages not attributable to transmission licensee for reasons given in Para 5 of the procedure)
$T_{NA}^i, T_{NA}^k, T_{NA}^l, T_{NA}^m, T_{NA}^n, T_{NA}^x, T_{NA}^y$	-	The non-availability hours (excluding the time period for outages not attributable to transmission licensee taken as deemed availability as per Para 5 of the procedure) for i th AC line, k th ICT, l th SVC, m th Switched Bus Reactor, n th STATCOM, x th HVDC pole and y th HVDC back-to-back block .