

4(ii) Every Grid Connected Captive consumer, specified in clause 3(ii) above, shall purchase/procure a minimum quantity of its consumption of energy from captive sources, during a financial year, from renewable sources of energy, as specified below:

Source	2015-16	2016-17	2017-18	2018-19
NON-SOLAR	5.0%	5.5%	6%	7.0%
SOLAR	0%	0.75%	2.75%	6.00%

Source	2019-20	2020-21	2021-22	2022-23 and onwards
NON-SOLAR	10.25%	10.25%	10.50%	To be determined
SOLAR	7.25%	8.50%	10.50%	

Provided that, in the case of consumers being units of a single legal entity but, located in more than one place within Karnataka State, the combined RPO of all such units within the Karnataka State, shall be reckoned for the purpose of meeting the RPO, specified above.

Provided further that, any Grid Connected Captive consumer, failing to achieve the specified Non-Solar RPO or any part thereof, for the relevant year, within the time specified but, having achieved compliance of such Non- Solar RPO to the extent of 85%, shall be permitted to meet the shortfall by excess Solar energy or Solar RECs purchased/procured beyond the specified Solar RPO for that relevant year.

Provided also that, any Grid Connected Captive consumer, failing to achieve the specified Solar RPO or any part thereof, for the relevant year, within the time specified but, having achieved compliance of such Solar

4(ii) Every Grid Connected Captive consumer, specified in clause 3(ii) above, shall purchase/procure a minimum quantity of its consumption of energy from captive sources, during a financial year, from renewable sources of energy, as specified below:

Source	2015-16	2016-17	2017-18	2018-19
NON-SOLAR	5.0%	5.5%	6%	7.0%
SOLAR	0%	0.75%	2.75%	6.00%

Source	2019-20	2020-21	2021-22
NON-SOLAR	10.25%	10.25%	10.50%
SOLAR	7.25%	8.50%	10.50%

Source	2022-23	2023-24	2024-25	2025-26
NON-SOLAR	13.00%	14.75%	16.50%	18.00%
SOLAR	11.50%	12.50%	13.50%	14.50%

Source	2024-27	2027-30	2028-30	2029-30
NON-SOLAR	20.00%	21.50%	23.00%	25.00%
SOLAR	15.50%	16.50%	17.50%	19.00%

Provided that, in the case of consumers being units of a single legal entity but, located in more than one place within Karnataka State, the combined RPO of all such units within the Karnataka State, shall be reckoned for the purpose of meeting the RPO, specified above.

Provided further that, any Grid Connected Captive consumer, failing to achieve the specified Non-Solar RPO or any part thereof, for the relevant year, within the time specified but, having achieved compliance of such Non- Solar RPO to the extent of 85%, shall be permitted to meet the shortfall by excess Solar or Hydro energy or Solar or Hydro RECs purchased/procured beyond the specified Solar RPO or HPO for that relevant year.

Provided also that, any Grid Connected Captive consumer, failing to achieve the specified Solar RPO or any part thereof, for the relevant year, within the time specified but, having achieved compliance of such Solar

RPO to the extent of 85%, shall be permitted to meet the shortfall by excess Non-Solar energy or Non-Solar RECs purchased/procured beyond the specified Non-Solar RPO for that relevant year.

4(iii) Every Open Access Consumer, specified in Clause 3(iii) above, shall purchase a minimum quantity of its consumption through Open Access sources, during a financial year, from renewable sources of energy, as specified below:

Source	2015-16	2016-17	2017-18	2018-19
NON-SOLAR	5.0%	5.5%	6%	7.0%
SOLAR	0%	0.75%	2.75%	6.00%

Source	2019-20	2020-21	2021-22	2022-23 and onwards
NON-SOLAR	10.25%	10.25%	10.50%	To be determined
SOLAR	7.25%	8.50%	10.50%	

Provided that, in the case of consumers being units of a single legal entity but, located in more than one place within the State of Karnataka, the combined RPO of all such units, within the State of Karnataka, shall be reckoned for the purpose of meeting the RPO specified above.

Provided further that, any Open Access Consumer, failing to achieve the specified Non-Solar RPO or any part thereof, for the relevant year, within the time specified but, having achieved compliance of such

RPO to the extent of 85%, shall be permitted to meet the shortfall by excess Non-Solar or Hydro energy or Non-Solar or Hydro RECs purchased/procured beyond the specified Non-Solar RPO or HPO for that relevant year.

4(iii) Every Open Access Consumer, specified in Clause 3(iii) above, shall purchase a minimum quantity of its consumption through Open Access sources, during a financial year, from renewable sources of energy, as specified below:

Source	2015-16	2016-17	2017-18	2018-19
NON-SOLAR	5.0%	5.5%	6%	7.0%
SOLAR	0%	0.75%	2.75%	6.00%

Source	2019-20	2020-21	2021-22
NON-SOLAR	10.25%	10.25%	10.50%
SOLAR	7.25%	8.50%	10.50%

Source	2022-23	2023-24	2024-25	2025-26
NON-SOLAR	13.00%	14.75%	16.50%	18.00%
SOLAR	11.50%	12.50%	13.50%	14.50%

Source	2026-27	2027-28	2028-29	2029-30
NON-SOLAR	20.00%	21.50%	23.00%	25.00%
SOLAR	15.50%	16.50%	17.50%	19.00%

Provided that, in the case of consumers being units of a single legal entity but, located in more than one place within the State of Karnataka, the combined RPO of all such units, within the State of Karnataka, shall be reckoned for the purpose of meeting the RPO specified above.

Provided further that, any Open Access Consumer, failing to achieve the specified Non-Solar RPO or any part thereof, for the relevant year, within the time specified but, having achieved compliance of such Non-Solar RPO

<p>Non-Solar RPO to the extent of 85%, shall be permitted to meet the shortfall by excess Solar energy or Solar RECs purchased beyond the specified Solar RPO for that relevant year.</p> <p>Provided also that, any Open Access Consumer, failing to achieve the specified Solar RPO or any part thereof, for the relevant year, within the time specified but, having achieved compliance of such Solar RPO to the extent of 85%, shall be permitted to meet the shortfall by excess Non-Solar energy or Non-Solar RECs purchased beyond the specified Non-Solar RPO for that relevant year.</p>	<p>to the extent of 85%, shall be permitted to meet the shortfall by excess Solar or Hydro energy or Solar or Hydro RECs purchased beyond the specified Solar RPO or HPO for that relevant year.</p> <p>Provided also that, any Open Access Consumer, failing to achieve the specified Solar RPO or any part thereof, for the relevant year, within the time specified but, having achieved compliance of such Solar RPO to the extent of 85%, shall be permitted to meet the shortfall by excess Non-Solar or Hydro energy or Non-Solar or Hydro RECs purchased beyond the specified Non-Solar RPO or HPO for that relevant year.</p>																				
<p>-Nil-</p>	<p>New Clause:</p> <p>4 (iv) Hydro Power Purchase Obligation(HPO)</p> <p>1. Every obligated entity namely Distribution Licensee including deemed licensees, Grid Connected Captive consumer and Open Access Consumer shall purchase hydro energy to meet HPO as specified below:</p> <table border="1" data-bbox="815 1263 1326 1361"> <thead> <tr> <th>Year</th> <th>2022-23</th> <th>2023-24</th> <th>2024-25</th> <th>2025-26</th> </tr> </thead> <tbody> <tr> <td>% Target HPO</td> <td>0.35</td> <td>0.66</td> <td>1.08</td> <td>1.48</td> </tr> </tbody> </table> <table border="1" data-bbox="799 1435 1337 1503"> <thead> <tr> <th>Year</th> <th>2026-27</th> <th>2027-28</th> <th>2028-29</th> <th>2029-30</th> </tr> </thead> <tbody> <tr> <td>% Target HPO</td> <td>1.80</td> <td>2.15</td> <td>2.51</td> <td>2.82</td> </tr> </tbody> </table> <p>Provided that,</p> <p>a. The energy purchase shall be from Large Hydro Projects(LHPs) including pumped storage projects (Capacity more than 25 MW capacity) having Commercial Operation Date (CoD) after 08.03.2019 and upto 31.03.2030.</p> <p>b. The RPO shall be computed in energy terms of percentage of total consumption, excluding consumption met from Large Hydro Projects</p>	Year	2022-23	2023-24	2024-25	2025-26	% Target HPO	0.35	0.66	1.08	1.48	Year	2026-27	2027-28	2028-29	2029-30	% Target HPO	1.80	2.15	2.51	2.82
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	<p>c. HPO shall be met from power procured from eligible LHPs in respect of 70% of the total generated capacity, for a period of 12-years from Hydro Projects commissioned between 08.03.2019 to 31.03.2030. The 70% mentioned above, shall not include free power supply to the State Government and for Local Area Development Fund (LADF).</p> <p>d. HPO of the State or DISCOMs may be met from the free power supply to the State from LHPs commissioned after 08.03.2019, as per the agreement, excluding the contribution towards LADF, if consumed within in the State / DISCOMs.</p> <p>e. If free power is insufficient to meet HPO, the State / DISCOMs have to buy additional power to meet HPO or buy corresponding amount of Hydro Energy Certificate (HEC).</p> <p>f. HPO trajectory shall be frued up annually depending upon revised commissioning of Hydro Projects.</p> <p>g. Hydro power imported from outside India cannot be considered for HPO.</p> <p>h. On achievement of HPO compliance to the extent of 85% and above, remaining shortfall, if any, may be met by excess solar or other non-solar energy consumed beyond specified Solar RPO or Other Non-Solar RPO for that particular year.</p> <p>i. If the obligated entity is unable to meet the HPO fully or has met the HPO partially, due to non-availability of hydro power or hydro REC during any year, in such cases, the obligated entity is deemed to have met the HPO.</p>
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By Approval of the Commission

Secretary

Karnataka Electricity Regulatory Commission