

The performance of a Department of Hydro Power Development (DHPD), Arunachal Pradesh is measured against several aspects namely- Annual Net Generation, Capacity Utilisation, Total No. of Shut down plants and Approx loss in generation due to non- Operation of Plant.

These areas are chosen for analysis because these are the much talked- about weaknesses of SEBs.

<i>Sl.</i>	<i>Particulars</i>	<i>Units</i>	<i>FY 16</i>	<i>FY 17</i>	<i>FY 18</i>
<i>1.</i>	<i>Total no. of Power Plant</i>	<i>Nos</i>	<i>114</i>	<i>116</i>	<i>122</i>
<i>2.</i>	<i>Total Installed Capacity</i>	<i>kW</i>	<i>62015</i>	<i>68565</i>	<i>69710</i>
<i>3.</i>	<i>Total Plant Capacity in operation</i>	<i>kW</i>	<i>49170</i>	<i>55720</i>	<i>55670</i>
<i>5.</i>	<i>Annual Net Generation</i>	<i>MU</i>	<i>59.69</i>	<i>59.41</i>	<i>59.41</i>
<i>6.</i>	<i>Capacity Utilisation</i>	<i>%</i>	<i>11.56</i>	<i>10.41</i>	<i>10.41</i>
<i>7</i>	<i>Share of Employee's Cost in Total expenses</i>	<i>%</i>			<i>39.63</i>
<i>8</i>	<i>Total no. of shut down Plants/capacity</i>	<i>Nos./MW</i>			<i>37/13</i>
<i>9</i>	<i>Approx Loss in generation due to Non- Operation</i>	<i>MU</i>			<i>43</i>
<i>10</i>	<i>Loss in revenue @ 2.69 per unit for DHPD</i>	<i>In Rs. Crs</i>			<i>11.6</i>

***Important observations:***

- Despite huge production capacity of about 70MW, DHPD is able to generate merely 10% of the total capacity as shown in the table above. Considering the experience of other hilly states, there is significant scope for increasing the Power generation for DHPD.
- Poor manpower efficiency of DHPD. Need of proper and efficient utilisation of Manpower to reduce the huge Employee's cost of about 40% of the total cost.
- Need to revamp the old Hydro power plants, as we can see around 40 nos of plants are not working and have been shut down for a long time. Eventually this leads to a heavy chunk of loss for DHPD