

## **EXECUTIVE SUMMARY**

(as on 30.09.2017)

### **Trend of Hydro-Thermal Mix.**

<b>Hydro:</b>	<b>44,765.42 MW</b>	<b>(16.52%)</b>
<b>Thermal:</b>	<b>2,19,449.51 MW</b>	<b>(80.98%)</b>
<b>Nuclear:</b>	<b>6,780.00 MW</b>	<b>(02.50%)</b>
<b>Total: (excluding RES)</b>	<b>2,70,994.93 MW</b>	

**Sector wise Hydro Capacity Under Execution:** A hydro capacity of **11,650.50 MW** is under execution. Sector wise summary is given as under :-

<b>Sector</b>	<b>Under Execution (MW) (As on 30.06.2017)</b>	<b>Under Execution (MW) (As on 30.09.2017)</b>
<b>Central</b>	6155.00	6125.00
<b>State</b>	2402.50	2302.00
<b>Private</b>	3235.00	3223.00
<b>Total:</b>	<b>11,792.50 MW</b>	<b>11,650.50</b>

### **Sector wise Hydro Capacity Addition during 2017-18 :**

Monitorable Targets for hydro capacity addition for the year 2017-18 is **1305 MW** ( 800 MW in Central Sector, 300 MW in State Sector, 205 MW in Private Sector). A Hydro Capacity Addition of **278 MW** (30 MW in Central Sector, 140 MW in State Sector & 108 MW in Private Sector) has been achieved up to II<sup>nd</sup> Quarter of 2017-18 against a Target of 1305 MW.

*Sector wise summary is given as under:-*

<b>Year</b>	<b>Monitorable Targets (MW)</b>	<b>Capacity Addition (MW)</b>	<b>Sector</b>					
			<b>Central</b>		<b>State</b>		<b>Private</b>	
			<b>Tgt.</b>	<b>Act.</b>	<b>Tgt.</b>	<b>Act.</b>	<b>Tgt.</b>	<b>Act.</b>
<b>2017-18</b>	<b>1305</b>	<b>278</b>	800	30	300	140	205	108
<b>Total</b>		<b>278</b>						

**Project-wise details are given as under :-**

<b>Sl. No.</b>	<b>Particular</b>	<b>Unit Nos.</b>	<b>Cap. (MW)</b>	<b>Commissioning as programmed</b>	<b>Actual(A)/ Anticipated</b>	<b>Remarks</b>
<b>A.</b>	<b>Central Sector</b>					
1	<b>Tuirial</b> NEEPCO, Mizoram 2x30 = 60 MW	<b>Unit # 1</b> Unit # 2	<b>30</b> 30	<b>Jun '17</b> Sep '17	<b>25.08.2017(A)</b> Nov.'17	<b>Commissioned</b>
2	<b>Kishanganga</b> NHPC, J&K 3x110 = 330 MW	Unit #1 Unit # 2 Unit # 3	110 110 110	Jan '18 Feb '18 Mar '18	Jan. '18 Feb. '18 Mar. '18	
3	<b>Pare</b> NEEPCO, Arunachal Pradesh 2x55=110 MW	Unit # 1 Unit # 2	55 55	Feb '18 Mar '18	Feb. '18 Mar. '18	

4	<b>Kameng</b> NEEPCO, Arunachal Pradesh 4x150=600 MW	Unit # 1 Unit # 2	150 150	Mar.18 Mar.18	Mar. '18 Mar. '18	
	<b>Sub- total (A):</b>		<b>800</b>		<b>30 MW</b>	
<b>B.</b>	<b>State Sector</b>					
1	<b>Sainj</b> HPPCL, H.P. 2x50= 100 MW	<b>Unit # 1</b> <b>Unit # 2</b>	<b>50</b> <b>50</b>	<b>May.17</b> <b>Jun.17</b>	<b>04.09.2017(A)</b> <b>04.09.2017(A)</b>	<b>Commissioned</b> <b>Commissioned</b>
2	<b>Uhl - III</b> BVPCL, H.P. 3x33.33=100 MW	Unit #1 Unit # 2 Unit # 3	33.33 33.33 33.33	Jan.18 Feb.18 Mar.18	Jan. '18 Feb. '18 Mar. '18	
3	<b>Pulichintala</b> TSGENCO,Telangana 4x30=120 MW	Unit # 2 Unit # 3	30 30	Aug.17 Oct.17	Oct. '17 Oct. '17	
4	<b>New Umtru</b> MePGCL, Meghalaya 2x20=40 MW	<b>Unit # 1</b> <b>Unit # 2</b>	<b>20</b> <b>20</b>	<b>Apr.17</b> <b>Jul.17</b>	<b>22.04.2017 (A)</b> <b>30.06.2017 (A)</b>	<b>Commissioned</b> <b>Commissioned</b>
	<b>Sub- total (B):</b>		<b>300</b>		<b>140 MW</b>	
<b>C.</b>	<b>Private Sector</b>					
1	<b>Chanju-I</b> IA Energy, H.P. 3x12 = 36 MW	<b>Unit # 3</b>	<b>12</b>	<b>May.17</b>	<b>26.07.2017 (A)</b>	<b>Commissioned</b>
2	<b>Dikchu</b> Sneha Kinetic Power Projects Pvt. Ltd., Sikkim,2x48MW= 96	<b>Unit # 1</b> <b>Unit # 2</b>	<b>48</b> <b>48</b>	<b>Apr.17</b> <b>May.17</b>	<b>11.04.2017 (A)</b> <b>12.04.2017 (A)</b>	<b>Commissioned</b> <b>Commissioned</b>
3	<b>Tashiding</b> Shiga Energy Pvt. Ltd. Sikkim 2x48.5= 97 MW	Unit # 1 Unit # 2	48.5 48.5	Jul.17 Aug.17	Oct. '17 Oct. '17	
	<b>Sub- total (C):</b>		<b>205</b>		<b>108 MW</b>	
	<b>Total (A+B+C)</b>		<b>1305</b>		<b>278 MW</b>	