

**GOVERNMENT OF INDIA  
MINISTRY OF POWER  
LOK SABHA  
UNSTARRED QUESTION NO.3037  
ANSWERED ON 21.12.2023  
PUMPED STORAGE PROJECTS**

**3037. SHRI JUAL ORAM:  
SHRI JAGDAMBIKA PAL:**

**Will the Minister of POWER  
be pleased to state:**

- (a) whether the Government has recently approved or proposes to introduce Viability Gap Funding (VGF) for Pumped Storage Projects (PSPs);**
- (b) if so, the time by which the guidelines would be issued in this regard;**
- (c) whether the Government is formulating a set of guidelines for allocation of PSPs to the private sector on a nomination basis;**
- (d) if so, whether the States have been consulted in this regard and if so, the details thereof;**
- (e) the details of the PSPs currently operational in the country, specifying their capacity and locations, State/UT-wise; and**
- (f) the details of new PSPs that have been initiated and are currently under construction along with their expected completion timelines, capacity and location-wise?**

**A N S W E R**

**THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY**

**(SHRI R.K. SINGH)**

**(a) & (b): The Levelised cost of storage of Pumped Storage Projects is economically viable. Therefore, there are no plan to provide Viability Gap Funding for Pumped Storage Projects.**

**(c) & (d): Ministry of Power has notified Guidelines to promote development of Pumped Storage Projects (PSP) in the country on 10<sup>th</sup> April, 2023. There is no provision for allocation of PSPs to the private sector on nomination basis in the aforesaid guidelines.**

**At present, no proposal for allocation of PSPs to private sector on nomination basis is under consideration.**

**(e) : The details of PSPs currently operational in the country, State / UT- wise, is given at Annexure-I.**

**(f) : At present, four (4) no. of PSPs with aggregate installed capacity of 2780 MW are under construction in the country. The details are given at Annexure-II.**

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**ANNEXURE-I****ANNEXURE REFERRED TO IN REPLY TO PART (e) OF UNSTARRED QUESTION  
NO. 3037 ANSWERED IN THE LOK SABHA ON 21.12.2023**

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**PSPs currently installed in the country, State / UT- wise**

<b>S No.</b>	<b>Station</b>	<b>Installed Capacity (MW)</b>
<b>Gujarat</b>		
<b>1</b>	<b>Kadana *</b>	<b>240</b>
<b>2</b>	<b>SardarSarovar RBPH *</b>	<b>1,200</b>
<b>Maharashtra</b>		
<b>3</b>	<b>Ghatgarh</b>	<b>250</b>
<b>4</b>	<b>Bhira</b>	<b>150</b>
<b>Tamil Nadu</b>		
<b>5</b>	<b>Kadamparai</b>	<b>400</b>
<b>Andhra Pradesh</b>		
<b>6</b>	<b>N J Sagar</b>	<b>705.6</b>
<b>7</b>	<b>Srisaillam LBPH</b>	<b>900</b>
<b>West Bengal</b>		
<b>8</b>	<b>Purulia</b>	<b>900</b>
	<b>Total</b>	<b>4,745</b>

**Note: Kadana PSP & Sardar Sarovar RBPH are currently not operational in pumping mode.**

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**ANNEXURE-II****ANNEXURE REFERRED TO IN REPLY TO PART (f) OF UNSTARRED QUESTION  
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**PSPs currently under construction**

<b>Sl. No.</b>	<b>Name of Project</b>	<b>State</b>	<b>River Basin</b>	<b>IC (MW)</b>	<b>Tentative Year of Commissioning</b>
<b>1</b>	<b>Tehri PSS</b>	<b>Uttarakhand</b>	<b>Ganga</b>	<b>1000</b>	<b>2024-25</b>
<b>2</b>	<b>Pinnapuram</b>	<b>Andhra Pradesh</b>	<b>Pennar</b>	<b>1200</b>	<b>2024-25</b>
<b>3</b>	<b>Kundah PSP Ph-I, II &amp; III</b>	<b>Tamil Nadu</b>	<b>Cauvery</b>	<b>500</b>	<b>2024-25</b>
<b>4</b>	<b>Koyna Left Bank *</b>	<b>Maharashtra</b>	<b>Krishna</b>	<b>80</b>	<b>2027-28</b>
	<b>Total</b>			<b>2,780</b>	

***Note: Construction activities at Koyna Left Bank are currently stalled.***

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