

**GOVERNMENT OF INDIA  
MINISTRY OF POWER**

**LOK SABHA  
UNSTARRED QUESTION NO.4971  
TO BE ANSWERED ON 25.03.2021**

**STATUS OF HYDRO POWER PLANTS**

**4971. ADV. DEAN KURIAKOSE:**

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

- (a) whether the majority of the hydro power plants in the State of Kerala, which together account for almost 50 percent of the total power generation in the State, have crossed their useful life and if so, the details thereof;
- (b) whether renovation and modernization are yet to be done on those dams and if so, the details thereof;
- (c) whether the Kerala State Electricity Board (KSEB) has sought more funds from the Central Electricity Regulatory Commission (CERC) to cover for the increased operation and maintenance cost of the hydro power plants; and
- (d) if so, the details thereof and the reaction of the Commission thereto?

**A N S W E R**

**THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER, NEW & RENEWABLE ENERGY AND THE MINISTER OF STATE FOR SKILL DEVELOPMENT & ENTREPRENEURSHIP**

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

(a) : **Yes, Sir. As per information provided by Kerala State Electricity Board (KSEB), the list of hydro power plants with station capacity of greater than 25 MW which have crossed their initially assessed useful life and are running, is given below:**

<b>Sl. No.</b>	<b>Name of Power Plant</b>	<b>Installed Capacity (MW)</b>	<b>Year of Commissioning</b>	<b>Remarks</b>
<b>1</b>	<b>Idukki HEP</b>	<b>780 (6x130)</b>	<b>1976-86</b>	<b>Residual Life Assessment (RLA) study conducted in 2011. As per RLA report, R&amp;M work of Stage-I completed on 2020 (Unit-I on 14.07.2020, Unit 2 on 20.01.2020 &amp; Unit 3 on 16.03.2019).</b>
<b>2</b>	<b>Sabarigiri HEP</b>	<b>340 (2x60+4x55)</b>	<b>1966-67</b>	<b>R&amp;M work completed on 2009. Unit 1 on 03.12.2009, Unit 2 on 07.02.2009, Unit 3 on 17.03.2008, Unit 4 on 06.05.2008. Unit 5 on 05.05.2006 &amp; Unit 6 on 01.07.2005.</b>

Sl. No.	Name of Power Plant	Installed Capacity (MW)	Year of Commissioning	Remarks
3	Kuttiyadi HEP	75 (3x25)	1972	R&M work in progress.
4	Neriamanglam	52.50 (3x17.5)	1961-63	Proposed for Residual Life Assessment (RLA) Study.
5	Sholayar	54 (3x18)	1966-68	R&M work completed in 2020 for machines. Unit 1 on 05.10.2020, Unit 2 on 20.01.2020 & Unit 3 on 16.03.2019.
6	Poringalkuthu	36 (4x9)	1957-60	RMU work completed for machines. Unit 1 on 17.04.2014, Unit 2 on 12.02.2014, Unit 3 on 08.02.2015 & Unit 4 on 26.05.2015.
7	Sengulam	48 (4x12)	1954-55	R&M work done in 2000-02 for 4 Nos. of machines. Unit 1 on 30.11.2002, Unit 2 on 04.10.2002, Unit 3 on 05.12.2001 & Unit 4 on 01.12.2001.
8	Pallivasal	37.50 (3x5+3x7.5)	1940-51	R&M work done in 2000-02 for 6 Nos. of machines. Unit 1 on 19.11.2001 Unit 2 on 17.11.2001, Unit 3 on 20.11.2001, Unit 4 on 26.08.2002 Unit 5 on 21.08.2002 & Unit 6 on 19.08.2002.
9	Panniyar	32 (2x16)	1963.64	RLA to be conducted.

**(b) :** As per information received from KSEB, 37 Dams under the following 12 Hydro Electric Projects are being rehabilitated under Dam Rehabilitation and Improvement Project (DRIP), a Government of India Project being implemented with technical assistance from the Central Water Commission and financial support from the World Bank:

**(1) Idukki, (2) Sabarigiri (3) Panniyar (4) Sengulam (5) Kuttiyadi (6) Idamalayar (7) Sholayar (8) Poringalkuthu (9) Pallivasal (10) Neriamangalam (11) Lower Periyar (12) Kakkad.**

It may be seen from the above that the aforesaid 9 dams mentioned at part(a) of the reply are also covered under the Dam Rehabilitation and Improvement Project (DRIP).

**(c) & (d) :** KSEB has not sought any funds from the Central Electricity Regulatory Commission (CERC) to cover for the increased operation and maintenance cost of the Hydro Power Plants.

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