

**GOVERNMENT OF INDIA  
MINISTRY OF POWER**

**LOK SABHA  
UNSTARRED QUESTION NO.2398  
TO BE ANSWERED ON 16.03.2017**

**REVIVAL OF STALLED HYDROPOWER PROJECTS**

**2398. SHRI DUSHYANT CHAUTALA:**

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

- (a) whether the Government has identified the stalled hydropower projects in the country;**
- (b) if so, the details thereof, State-wise;**
- (c) the cost over-run of these projects, Project and State-wise;**
- (d) whether the Government proposes to revive the stalled hydropower projects in order to increase the renewable power generation across the country; and**
- (e) If so, the details thereof?**

**A N S W E R**

**THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER,  
COAL, NEW & RENEWABLE ENERGY AND MINES**

**( SHRI PIYUSH GOYAL )**

**(a) to (c) : The information is given in Annex.**

**(d) & (e) : In order to promote hydro electric power and to make it sustainable, various options are under consideration of the Government, which, inter-alia, include:-**

- (i) Declaring all hydro power projects (irrespective of size) as renewable energy which would ensure coverage under Renewable Purchase Obligation and qualify for dispatch priority.**
- (ii) Providing cheaper credit to hydro power projects above 25 MW with a view to make tariff competitive.**
- (iii) Engaging with Central Electricity Regulatory Commission (CERC) to work out modalities to reduce tariff by changing / rationalizing other tariff parameters like depreciation, O&M etc.**

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**ANNEX REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO. 2398 TO BE ANSWERED IN THE LOK SABHA ON 16.03.2017.**

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**Details of under construction stalled / stressed Hydro Electric Projects (above 25 MW)**

**Having Time/Cost Overrun**

(As on 28.02.2017)

| Sl. No. | Name of Project/ Executing Agency / Capacity (MW)                          | State                     | Org. Comm. Schedule   | Ant. Comm. Schedule   | Time over run (months) | Org. Cost (Rs. in Crores)                                     | Ant. Cost (Rs. in Crores)           | Cost over run (Rs. in Crores) |
|---------|--|---------------------------|---|---|------------------------|---|-------------------------------------|-------------------------------|
| 1.      | Subansiri Lower NHPC Limited<br>8x250=2000 MW                              | Arunachal Pradesh / Assam | 2009-11<br>2009-11<br>2009-11<br>2009-11<br>2009-11<br>2009-11<br>2009-11 | 2020-21<br>2020-21<br>2020-21<br>2020-21<br>2020-21<br>2020-21<br>2020-21<br>(subject to re-start of works) | 120                    | 6285.33<br>(12/02)  | 17435.15<br>(02/16)                 | 11149.82                      |
| 2.      | Gongri Dirang Energy Pvt. Ltd.<br>2x72=144 MW                              | Arunachal Pradesh         | 2017-18<br>2017-18  | 2020-21<br>2020-21<br>(subject to re-start of works)  | 36                     | 1436.27   | Not yet worked out by the developer | -                             |
| 3.      | Kashang – II & III HPPCL<br>2x65 = 130 MW<br>(1 unit already commissioned) | H.P.                      | 2013-14<br>2013-14  | 2016-17<br>2019-20<br>(subject to re-start of works)  | Comm. → 72             | 1079.80<br>(03/08)<br>(combined cost for Kashang-I, II & III) | Not yet worked out by the developer | -                             |
| 4.      | Tidong-I NSL Tidong Power Generation Ltd.<br>2x50=100 MW                   | H.P.                      | 2013-14<br>2013-14  | 2018-19<br>2018-19<br>(subject to re-start of works)  | 60                     | 543.15<br>(08/05)   | Not yet worked out by the developer | -                             |
| 5.      | Sorang Himachal Sorang Power Ltd.<br>2x50=100 MW                           | H.P.                      | 2012-13<br>2012-13  | 2017-18<br>2017-18  | 60                     | 586.00<br>(2006)  | Not yet worked out by the developer | -                             |
| 6.      | Tangnu Romai Tangnu Romai Power Generation<br>2x22=44 MW                   | H.P.                      | 2014-15<br>2014-15  | 2018-19<br>2017-18<br>(subject to re-start of works)  | 48                     | 255.00<br>(2006)  | Not yet worked out by the developer | -                             |
| 7.      | Shahpurkandi Irr. Deptt., Pb. & PSPCL<br>3x33+3x33+1x8 =206 MW             | Punjab                    | 2017-18<br>2017-18<br>2017-18<br>2017-18<br>2017-18<br>2017-18            | 2019-20<br>2019-20<br>2019-20<br>2019-20<br>2019-20<br>2019-20<br>(subject to re-start of works)            | 24<br><br>24           | 2285.81   | Not yet worked out by the developer | -                             |
| 8.      | Lower Kalnai JKSPDC<br>2x24=48 MW  | J&K                       | 2017-18<br>2017-18  | 2020-21<br>2020-21  | 36                     | 576.87  | Not yet worked out by the developer | -                             |
| 9.      | Ratle GVK Ratle Hydro Electric Project Pvt. Ltd.<br>4x205+1x30=850MW       | J&K                       | 2017-18<br>2017-18<br>2017-18<br>2017-18                                  | 2021-22<br>2021-22<br>2021-22<br>2021-22<br>(subject to re-start of works)                                  | 48                     | 5517.02   | 6257.00<br>(09/2013)                | 739.98                        |

|    |  |             |   |  |     |                    |                  |         |
|----|--|-------------|---|--|-----|--------------------|------------------|---------|
| 10 | Maheshwar Shree Maheshwar Hydel Power Corporation Limited<br>10x40= 400 MW | M. P.       | 2001-02<br>2001-02<br>2001-02<br>2001-02<br>2001-02<br>2001-02<br>2001-02<br>2001-02<br>2001-02 | 2017-19<br>(subject to re-start of works)                                      | 204 | 1569.27<br>(96-97) | 6793.00          | 5223.73 |
| 11 | Koyna Left Bank PSS WRD, Govt. of Maharashtra<br>2x40=80 MW                | Maharashtra | 2017-18   | 2019-20<br>(subject to active start of works)                                  | 24  | 245.02             | 1494.94          | 1249.92 |
| 12 | Teesta VI Lanco Teesta Hydro Power Ltd. 4x125=500 MW                       | Sikkim      | 2012-13<br>2012-13<br>2012-13<br>2012-13  | 2021-22<br>2021-22<br>2021-22<br>2021-22<br>(subject to re-start of works)     | 108 | 3283.08            | 5400.00          | 2116.92 |
| 13 | Rangit-IV Jal Power Corp. Ltd. (JPCL)<br>3x40= 120 MW                      | Sikkim      | 2011-12<br>2011-12<br>2011-12   | 2019-20<br>2019-20<br>2019-20<br>(subject to re-start of works)                | 96  | 726.17             | 1692.60          | 966.43  |
| 14 | Panan Himagiri Hydro Energy Pvt Ltd.<br>4x75 = 300 MW                      | Sikkim      | 2018-19<br>2018-19<br>2018-19<br>2018-19  | 2020-21<br>2020-21<br>2020-21<br>2020-21<br>(subject to active start of works) | 24  | 1833.05            | 2021.90          | 188.85  |
| 15 | Thottiyar KSEB<br>1x30+1x10=40 MW  | Kerala      | 2012-13<br>2012-13  | 2019-20<br>2019-20<br><br>(subject to re-start of works)                       | 84  | 136.79<br>(2007)   | 150.02           | 13.23   |
| 16 | Pallivasal KSEB<br>2x30=60 MW  | Kerala      | 2010-11<br>2010-11  | 2019-20<br>2019-20<br><br>(subject to re-start of works)                       | 108 | 222.00<br>(1999)   | 284.69<br>(2007) | 62.69   |
| 17 | Lata Tapovan, NTPC Limited<br>3x57=171 MW                                  | Uttarakhand | 2017-18<br>2017-18<br>2017-18<br>(Aug'17)   | 2021-22<br>2021-22<br>2021-22<br>(subject to re-start of works)                | 48  | 1527.00            | 1801.07          | 274.07  |

Total No. of Stalled Projects = 17 Nos. (5228 MW)

**In addition to above, the following projects are also stressed :-**

| <b>Sl. No.</b> | <b>Name of Project/ Executing Agency/ Capacity (MW)</b>                     | <b>State</b>      | <b>Org. Comm. Schedule</b>  | <b>Ant. Comm. Schedule</b>  | <b>Time over run (months)</b> | <b>Org. Cost (Rs. in Crores)</b> | <b>Ant. Cost (Rs. in Crores)</b>                | <b>Cost over run (Rs. in Crores)</b> |
|----------------|---|-------------------|---|---|-------------------------------|----------------------------------|---|--------------------------------------|
| 1              | Polavaram<br>Polavaram<br>Project<br>Authority (PPA)<br>(12x80 = 960<br>MW) | Andhra<br>Pradesh | 2017-18<br>2017-18<br>2017-18<br>2017-18<br>2017-18<br>2017-18<br>2017-18<br>2017-18<br>2017-18<br>2017-18<br>2017-18 | 2021-22<br>2021-22<br>2021-22<br>2021-22<br>2021-22<br>2021-22<br>2021-22<br>2021-22<br>2021-22<br>2021-22<br>2021-22 | 48                            | 16010.45                         | 16010.45  | Nil                                  |
| 2              | Rangit-II<br>2x33= 66 MW<br>Sikkim Hydro<br>Power Ltd.                      | Sikkim            | 2017-18<br>2017-18  | 2019-20<br>2019-20<br>(subject<br>to re-<br>start of<br>works)  | } 24                          | 496.44                           | Not yet<br>worked<br>out by<br>the<br>developer | -                                    |
| 3              | Singoli<br>Bhatwari<br>(3x33 = 99<br>MW)<br>L&T                             | Uttarakhand       | 2012-13<br>2012-13<br>2012-13   | 2020-21<br>2020-21<br>(subject<br>to active<br>start of<br>works)   | } 96                          | 666.47<br>(2008)                 | 1577<br>(2008)                                  | 910.53                               |
| 4              | Phata Byung<br>(2x38 = 76<br>MW), LANCO                                     | Uttarakhand       | 2013-14<br>2013-14  | 2019-20<br>2019-20<br>(subject<br>to active<br>start of<br>works)   | } 72                          | 520.00                           | 1225.53   | 705.53                               |

**Total Stressed = 4 Nos. (1201 MW)**

**Grand Total = 21 Nos. (6429 MW)**

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