

# **Annexure-7**

**Tentative impact on account of Water Tax for FY 2018-19 in compliance to GoU Order No. 2883/II-2015/01(50)/2011 dated 07/11/2015  
in reference of Water Tax Act 2012 (Act. No. 9 of 2013)**

|   |          |          |   |                |                                      |  |   |                      | For one Financial Year Based on Approved Design Energy |  | Projection for Financial Year 2020-21           |   |               |
|---|----------|----------|---|----------------|--------------------------------------|--|---|----------------------|--|--|---|---|---------------|
| S.No.                                       | Plant    | Head (m) | Discharge required for full load (Cumecs) | Full Load (MW) | Discharge (Cumecs) required for 1 MW | Discharge (Cubic Meter) required for 1 MWh | Water Tax Rs./Cubic Meter as per Water Tax Registration | Water Tax (Rs./ kWh) | Design Energy Generation (MU) approved by UERC         | Total Water Tax (Rs. Cr.) for design energy generation | Projected Energy Generation for UPCL share (MU) | Total Water Tax (Rs. Cr.) for Projected Energy Generation(MU) | UPCL          |
| 1   | Chibro   | 110      | 200                                       | 185            | 1.08                                 | 3891.89                                    | 0.1   | 0.39                 | 750.00   | 29.19  | 780.00  | 30.36   | 22.77         |
| 2   | Khodri   | 57.9     | 200                                       | 80             | 2.50                                 | 9000.00                                    | 0.07  | 0.63                 | 345.00   | 21.74  | 350.00  | 22.05   | 16.54         |
| 3   | Dhakrani | 19.8     | 199.2                                     | 33.75          | 5.90                                 | 21248.00                                   | 0.02  | 0.42                 | 156.88   | 6.67   | 143.00  | 6.08  | 4.56          |
| 4   | Dhalipur | 30.48    | 199.2                                     | 51             | 3.91                                 | 14061.18                                   | 0.05  | 0.70                 | 192.00   | 13.50  | 180.00  | 12.66   | 9.49          |
| 5   | Kulhal   | 18       | 198                                       | 30             | 6.60                                 | 23760.00                                   | 0.02  | 0.48                 | 153.91   | 7.31   | 138.00  | 6.56  | 5.25          |
| 6   | MB-I     | 147.5    | 71.4                                      | 90             | 0.79                                 | 2856.00                                    | 0.1   | 0.29                 | 395.00   | 11.28  | 275.00  | 7.85  | 7.85          |
| 7   | MB-II    | 247.6    | 142                                       | 304            | 0.47                                 | 1681.58                                    | 0.1   | 0.17                 | 1566.10  | 26.34  | 1268.00   | 21.32   | 21.32         |
| 8   | Chilla   | 32.5     | 565                                       | 144            | 3.92                                 | 14125.00                                   | 0.05  | 0.71                 | 671.29   | 47.41  | 550.00  | 38.84   | 38.84         |
| 9   | Ramganga | 84.4     | 285                                       | 198            | 1.44                                 | 5181.82                                    | 0.1   | 0.52                 | 311.00   | 16.12  | 205.00  | 10.62   | 10.62         |
| 10  | Khatima  | 17.98    | 269                                       | 41.4           | 6.50                                 | 23391.30                                   | 0.02  | 0.47                 | 233.23   | 10.91  | 235.00  | 10.99   | 10.99         |
| <b>Sub-Total (10 LHP's)</b>                 |          |          |   |                |                                      |  |   |                      | <b>4774.41</b>   | <b>190.46</b>  | <b>4124.00</b>                                  | <b>167.33</b>   | <b>148.24</b> |
| 1   | Pathri   | 9.75     | 253                                       | 20.4           | 12.40                                | 44647.06                                   | 0.02  | 0.89                 | 155.6  | 13.89  | 120.435   | 10.75   | 10.75         |
| 2   | M.Pur    | 5.7      | 255                                       | 9.3            | 27.42                                | 98709.68                                   | 0.02  | 1.97                 | 64.92  | 12.82  | 55  | 10.86   | 10.86         |
| <b>Sub-Total (Pathri &amp; Mohammadpur)</b> |          |          |   |                |                                      |  |   |                      | <b>220.52</b>  | <b>26.71</b>   | <b>175.435</b>                                  | <b>21.61</b>  | <b>21.61</b>  |
| <b>Total (UJVNL)</b>                        |          |          |   |                |                                      |  |   |                      | <b>4994.93</b>   | <b>217.17</b>  | <b>4299.44</b>                                  | <b>188.95</b>   | <b>169.85</b> |

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