

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		
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	
Chibro	110	200	185	1.08	3891.89	0.1	0.39	750.00	29.19	780.00	30.36	22.77	
Khodri	57.9	200	80	2.50	9000.00	0.07	0.63	345.00	21.74	350.00	22.05	16.54	
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	
Dhalipur	30.48	199.2	51	3.91	14061.18	0.05	0.70	192.00	13.50	180.00	12.66	9.49	
Kulhal	18	198	30	6.60	23760.00	0.02	0.48	153.91	7.31	138.00	6.56	5.25	
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	
MB-II	247.6	142	304	0.47	1681.58	0.1	0.17	1566.10	26.34	1268.00	21.32	21.32	
Chilla	32.5	565	144	3.92	14125.00	0.05	0.71	671.29	47.41	550.00	38.84	38.84	
Ramganga	84.4	285	198	1.44	5181.82	0.1	0.52	311.00	16.12	205.00	10.62	10.62	
Khatima	17.98	269	41.4	6.50	23391.30	0.02	0.47	233.23	10.91	235.00	10.99	10.99	
Sub-Total (10 LHP's)								4774.41	190.46	4124.00	167.33	148.24	
Pathri	9.75	253	20.4	12.40	44647.06	0.02	0.89	155.6	13.89	120.435	10.75	10.75	
M.Pur	5.7	255	9.3	27.42	98709.68	0.02	1.97	64.92	12.82	55	10.86	10.86	
Sub-Total (Pathri & Mohammadpur)								220.52	26.71	175.435	21.61	21.61	
Total (UJVNL)								4994.93	217.17	4299.44	188.95	169.85	

(Purushottam Singh)
Director (Operation)
UJVN Ltd.
Dehradun