



ORDER

**Revision of tariff for bulk water uses of surface water
(under section 18 of the HWRA Act)**

Notification No.199/N/LA/HWRA/2022.- In the exercise of power conferred under Sub-Section (1) of Section 18 of the Haryana Water Resources (Conservation, Regulation and Management) Authority Act, 2020(hereinafter referred as the Act), as amended upto date, the Haryana Water Resources Authority vide Agenda No.1 of 17th meeting held on 15.07.2022, approved the revised tariff for bulk water uses of surface water. Therefore, the revised tariff is hereby notified.

1. The Haryana Water Resources Authority (hereinafter referred as 'Authority') has been established by the Government for conservation, regulation and management of water resources in the state of Haryana.
2. Section 18 of the Haryana Water Resources (Conservation, Regulation and Management) Authority Act, 2020, as amended upto date, is reproduced as under:-

“18. (1) The Authority shall decide tariff for bulk water uses of surface water and of treated waste water on the principles of economy, efficiency, equity and sustainability. The tariff shall be based on volumetric measurements of water consumption and shall be designed reasonably.

(2) The Authority shall recommend to the Government retail tariff of water for individual household, industry or commercial establishment, supplied by concerned entity.

18 (B) (1) An appeal may be preferred to the Government on tariff decided by the Authority under sub-section (1)



of section 18, within thirty days from the date of such decision.

(2) The appeal under sub-section (1) shall be made in such form and manner, as may be prescribed

(3) The Government may, by order reject the appeal or revise the tariff and the decision of the Government shall be final”

3. The Bulk Water Tariff (BWT) were being fixed and notified by the Government prior to the establishment of HWRA in 2020. Last time, such revision of BWT was notified by the Government vide notification dated 30.11.2018. The principle agency responsible for such publication i.e. Irrigation & Water Resources Department in Haryana fixed these tariff vide their above said notification as follows :-

Table: Tariff as per Government notification 30.11.2018

Sr.No.	Description	Tariff
1.	Brick making and pisewall Building and water for Construction work.	₹. 1500 per 100 cum
2.	Water supply in Bulk:- (i)(a) Beverage and Bottled water industry	₹. 2000 per 100 cum
3.	(b)Other industries, Power Plants and Bulk users	₹. 1000 per 100 cum
4.	(ii) Railways and Army (other than drinking purpose)	₹. 750 per 100 cum
5.	Drinking purpose (including Railway and Army)	₹. 25 per 100 cum

Now, considering the depleting groundwater table & surface water situation in the Haryana, the State Government has authorized the HWRA to decide the water tariff vide the Haryana Water Resources (Conservation, \Regulation And Management) Authority (Amendment) Act, 2022, notified on



12.04.2022. Therefore, it has become impending necessity to revise the water tariff.

4. The Authority held consultations with Irrigation & Water Resources Department (I&WRD) and Public Health Engineering Department (PHED) over bulk tariff and other Tariff and a proposal was submitted by the I&WRD on 23.02.2022 which has further been revised by I&WRD on 15.07.2022 for deciding the bulk water tariff by the Authority.

5. The proposal for revision of BWT submitted by I&WRD (**Annexure-‘A’**), which is reproduced as under:-

“It is submitted that on the recommendation of your office, a proposal was submitted to HWRA vide letter No.215-17/2R&CR/2022 dated 23.02.2022. In the meantime, a discussion meeting was held under the chairpersonship of your goodself and it was decided to systematically analyze the data and to partially modify the basis of tariff proposal considering the expenditure and revenue assessments based on the average expenditure and revenue assessments for the last 3 financial years i.e. 2019-20, 2020-21 and 2021-2022 to arrive at more optimal and rational proposed tariff (the proposal was earlier given based on the expenditure and revenue assessments for the financial year 2020-21 only). Accordingly, calculations have been made on the basis of data available in the I&WRD and the revised facts, tables and figures are submitted as below:

The total expenditure in the last 3 years i.e. 2019-20, 2020-21 and 2021-2022 is as follows:-

TABLE-A
DETAILS OF EXPENDITURE ON CANAL OPERATIONS
(Rs. In Crore)

Name of Head	Actual Expenditure (2019-20)	Actual Expenditure (2020-21)	Actual Expenditure (2021-22)	Average of last 3 years (2019-21)
Revenue Expenditure				
Establishment	671.39	703.00	776.77	717.05
O&M	130.49	119.00	120.40	123.30
Energy	268.00	308.00	335.87	303.96
Total (A)	1069.88	1130.00	1233.04	1144.31
Capital Expenditure				
Rehabilitation of Canal Network	266.34	218.32	366.00	283.55



and Improving Capacity of Pumps				
Rehabilitation and Improving Capacity of Channels and Pumps- NABARD	153.62	178.26	303.51	211.79
Rehabilitation of Water Courses	12.56	16.30	26.47	18.44
Total (B)	432.52	412.88	695.98	513.78
Grand Total (A+B)	1502.40	1542.88	1929.02	1658.09

From above, an average expenditure (Both Revenue & Capital) on canal operations is about Rs.1658.09 Crore for the last 3 years i.e. 2019-20, 2020-21 and 2021-2022.

However, it is submitted that such huge expenditure is barely being met through revenue receipts. In this regard, it is relevant to mention here that as per tariff of 2018 (the current prevailing tariff) the average revenue assessment for the last 3 years i.e. 2019-20, 2020-21 and 2021-2022 is around ₹184.11 crore (Table C & D) which is only 11.10% of the expenditure of ₹1658.09 crore incurred by the I&WRD. The details of actual cost of water being incurred by the I&WRD and the revenue assessed is as follows:

TABLE-B

1.	Average supply in canal i.e. Yamuna and Bhakra System in one year (average of last 3 FYs)	9.11 MAF =112326 Lakh cum
2.	Average Expenditure per year (average of last 3 FYs)	Rs. 1658.09 Crore
3.	Approximate cost per cum (2)÷(1)	Rs. 1.47/-
4.	Average Revenue assessed in the last 3 FYs (Irrigation purpose)	Rs. 53.13 Crore
5.	Revenue assessed in the last 3 FYs (Other than Irrigation purpose)	Rs. 130.98 Crore
6.	Average Total Revenue assessed in the last 3 FYs (4)+(5)	Rs. 184.11 Crore

Further, an exercise has been done to calculate the percentage of total water available being utilized for each purpose alongwith the percentage revenue assessed for each of them respectively as follows:

TABLE-C

Name of Department	Av Principal Amount assessed (in lacs) (1)	Tariff /KL (Rs.) (2)	Approx. Quantity of water (Lac KL) (3)	%age of total water used (4)
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Drinking Purpose				
Public Health	2763.33	0.25	11053.32	9.840
Huda (HSVP)/GMDA	530.58	0.25	2122.32	1.889
Army	174.82	0.25	699.29	0.623
Railway	14.63	0.25	58.51	0.052
Any Other Agency/ Universities/ Institutions Etc.	49.13	0.25	196.52	0.175
Industrial Purpose				
HSIIDC/Industries	4244.25	10.00	424.42	0.378
State Sugar Mills	4.12	10.00	0.41	0.000
Tourism	186.68	10.00	18.67	0.017
Power Utilities (HVPN/DHVPN/NTCP/ RGKTP/DCRTP/HPGCL)	5088.84	10.00	508.88	0.453
Fisheries	10.35	1.00	10.35	0.009
Benefit From Other State	31.07	1.00	31.07	0.028
Losses of Water in Canal Operations (Approx)			33697.80	30 (Approx.)
Irrigation Purpose	5313.45	15-120 (Per Crop Per Acre)	63509	56.54
Total	18411.24		112330.56	100.00

TABLE-D

PURPOSE	DEPARTMENTS	Tariff/KL (Rs.) (As per 2018)	%age of water used	Average Revenue Assessed (Rs. in lakh)	% age of total assessme nt
Irrigation	Irrigation		56.54	5313.45	28.86
Drinking Water	Public Health, HUDA/GMDA, Railway& Army, Educational Inst.	0.25	12.58	3532.49	19.19
Industries	Beverage	20	0.00	0.00	0.00



	&Bottled Water Industry				
	Industries, Sugar Mills, Tourism	10	0.39	4435.04	24.09
	Power Plants and Bulk users	10	0.45	5088.84	27.64
Fisheries	Fisheries	1	0.01	10.35	0.06
Other States		1	0.03	31.07	0.17
Transit Losses			30	0.00	0.00
Total			100	18411.24	100.00

Therefore, considering that the revenue assessment on the prevailing tariff is detrimental to the state exchequer and that the burden of revenue deficit is increasing exponentially with each passing financial year, thus, a proposal for revision of water tariff has been framed. The I&WRD intends to reduce this burden of loss of revenue by submitting this proposal with the revised tariff.

Further, it is brought out that as per recommendation of 13th Finance Commission, for the purpose of eligibility and releases of grants, a State should set up Water Regulatory Authority by 2011-12 and it should recover at least 50% of the water charges mandated by the Authority.

Further, roughly 30% of water is lost during transit and around 57% of the water in the state is used for irrigation purposes. However, since due to economic conditions of the farmers and food security for the nation, the revenue to be recovered from them may not be increased, it is proposed that the requisite amount may be cross subsidised from other Bulk users. Therefore, the bulk water tariff may be revised as proposed below:-

TABLE-E

Tariff as per Govt. notification 30.07.2012			Tariff as per Govt. notification 30.11.2018		New proposed Tariff	% Increase
No.	Description	Tariff	Description	Tariff		
1	Brick making and pisewall Building and water for Construction work.	Rs. 600 per 2500 Cft. (Rs. 8.5/KL)		Rs. 1500 per 100 cum (Rs. 15/KL) 76%	Rs. 3750 per 100 cum (Rs. 37.5/KL)	150%

**The Haryana Water Resources
(Conservation, Regulation and
Management) Authority,
Panchkula**



हरियाणा जल संसाधन (संरक्षण,
विनियमन और प्रबंधन) प्राधिकरण,
पंचकुला

2.	Water supply in Bulk: Industries Power Plants and other Bulk Users	Rs. 300 per 2500 Cft. (Rs. 4.25/KL)	Water supply in Bulk:-	Rs. 2000 per 100 cum (Rs. 20/KL)	Rs. 5000 per 100 cum (Rs. 50/KL)	150%	
			(i)(a) Beverage and Bottled water industry	370%			
			(b)Other industries, Power Plants and Bulk users	Rs. 1000 per 100 cum (Rs. 10/KL)	Rs. 2500 per 100 cum (Rs. 25/KL)	150%	
			(ii) Railways and Army	Rs. 750 per 100 cum (Rs.7.5/KL)	Rs. 1875 per 100 cum (Rs.18.75 /KL)	150%	
3.	Drinking purpose	Rs. 12 per 2500 Cft. (Rs. 0.17/KL)	Drinking purpose (including Railway and Army)	Rs. 25 per 100 cum (Rs. 0.25/KL)	Rs. 125 per 100 cum (Rs. 1.25/KL)	400%	
4.	Other States	Rs. 40 per 2500 Cft. (Rs. 0.57/KL)		Rs. 100 per 100 cum (Rs. 1/KL)	Rs. 100 per 100 cum (Rs. 1/KL)	No change proposed	
5.	Fish Ponds Except Fish Processing, freezing and Hatchery units			Rs. 100 per 100 cum (Rs. 1/KL)	Rs. 100 per 100 cum (Rs. 1/KL)	No change proposed	

The rationale behind increasing tariff is the prevailing expenditure by the department because the revision of bulk water is a periodic exercise which was revised to 1.5 times for drinking water, approximately 5 times for beverage & bottle industry, 2.35 times for other industries and power plants & bulk users in 2018 as compared to 2012 tariff. Now, the department proposes to increase the tariff by 2.5 times in-case of bulk water supply to the industries and 5.0 times for drinking water as compared to the prevailing tariff of 2018.

Accordingly the anticipated assessment of revenue receipts on the basis of proposed tariff would be as under:-

TABLE-F

Department		Existing Tariff/KL (Rs.) (As per 2018)	Average Revenue Assessed (in lakh)	Proposed Tariff/KL (In Rs.)	Estimated Revenue (in lakh)
Irrigation		15-120	5313.45	No change	5313.45



Drinking Water	Public Health, HUDA/GMDA, Railway & Army, Educational Inst.	0.25	3532.49	1.25	17662.45
Industries	Beverage & Bottled Water Industry	20	0.00	50	0.00
	Industries, Sugar Mills, Tourism	10	4435.04	25	11087.60
	Power Plants and Bulk users	10	5088.84	25	12722.10
Fisheries		1	10.35	No change	10.35
Other States		1	31.07	No change	31.07
Total			18411.24		46827.02

TABLE-F above establishes that the revenue assessment based on new proposed tariff is estimated to increase by approximately 2.54 times. Also, with revised proposed tariff, the revenue assessment comes out to 28.24% of the average expenditure incurred in the last 3 financial years as compared to the current assessment of 11.1%.

Now, the Government of Haryana has constituted the Haryana Water Resources Authority, which is empowered to decide the tariff for bulk water uses of surface water under Section 18 of the Act. Therefore, the proposal is submitted to the Haryana Water Resources Authority for consideration and further take up the same with Government for revision of the bulk water tariff.”

6. On the perusal of the proposal above, the following two issues emerged:-

- (i). The cost of supply on bulk water has significantly increased over the years however the corresponding tariff of bulk water have not been revised in the same ratios.
- (ii). Cost Inflation Index (CII) has increased by at least 45 points i.e. from 272 in FY 2017-2018 to 317 in FY 2021-2022 (base financial year 2001-2002 with CII 100).

7. The revised proposal further elucidates that the average expenditure by irrigation management (Both Revenue & Capital) on canal operations has touched over Rs.1658.09 Crore in 2021-2022, while the revenue earnings from water is



merely ₹ 184.11 crores i.e. 11.1% of the costs. It would be worth-while to mention here that as per recommendation of 13th Finance Commission, for the purpose of eligibility and releases of grants, a State should set up Water Regulatory Authority by 2011-12 and it should recover at least 50% of the water charges mandated by the Authority. It is in the interest of efficient working of the department and for sustainability in the long run that the water tariffs are revised so as to achieve the targeted recoveries to more at least 50% of the costs. On the one hand, the IWRD is not having enough resources for Operations & Maintenance of their network. Due to such reasons, the case for upward revision of BWT is the need of hour.

8. In view of this, the proposal for revising bulk water tariff requires in-depth scrutiny and analysis. The revision of bulk water tariff will implement the provisions of the Haryana Water Resources Authority Act in particular provided under Section 18 pertaining "to the principles of economy, efficiency, equity and sustainability, in such manner, as may be prescribed. As far as possible, the tariff shall be based on volumetric measurements of water consumption and shall be designed reasonably."

9. Now, therefore, the Authority, in the exercise of powers conferred under the Section 18 of the Haryana Water Resources (Conservation, Regulation and Management) Authority Act, 2020 hereby decide the revised bulk water tariff. The revised tariff is as under:-

Tariff as per Govt. notification 30.07.2012			Tariff as per Govt. notification 30.11.2018		Proposed tariff by I&WRD	Tariff Determined and decided by HWRA 2022	% increase in tariff since 2018
Sr. No	Description	Tariff	Description	Tariff	Tariff	Tariff	
1	Brick making and pisewall Building and water for Construction	₹ 600 per 2500 Cft. (₹ 850 per 100 cum)		₹ 1500 per 100 cum	₹ 3750 per 100 cum	₹ 3000 per 100 cum	100 %



	work.						
2.	Water supply in Bulk: Industries Power Plants and other Bulk Users	₹ 300 per 2500 Cft. (₹. 425 per 100 cum)	Water supply in Bulk:- (i)(a) Beverage and Bottled water industry	₹ 2000 per 100 cum	₹ 5000 per 100 cum	₹ 4000 per 100 cum	100 %
			(b)Other industries, Power Plants and Bulk users	₹. 1000 per 100 cum	₹. 2500 per 100 cum	₹. 2000 per 100 cum	100 %
			(ii) Railways and Army	₹. 750 per 100 cum	₹. 1875 per 100 cum.	₹. 1500 per 100 cum.	100 %
3.	Drinking purpose	₹ 12 per 2500 Cft. (₹ 17 per 100 cum)	Drinking purpose (including Railway and Army)	₹ 25 per 100 cum	₹. 125 per 100 cum	₹ 100 per 100 cum	400 %
4.	Other States	₹ 40 per 2500 Cft. (Rs. 0.57/KL)		₹ 100 per 100 cum (Rs. 1/KL) 75%	₹ 100 per 100 cum (Rs. 1/KL)	No change proposed	0%
5.	Fish Ponds Except Fish Processing, freezing and Hatchery units			₹ 100 per 100 cum (Rs. 1/KL)	₹ 100 per 100 cum (Rs. 1/KL)	No change proposed	0%

10. The general principles of fixation of water tariffs are cost recovery, reasonability, water use efficiency and social equity. The tariff of the bulk water should at least recover operation, maintenance, depreciation and interest cost, if not the whole costs.

11. However, it would involve increasing the tariff manifold. Therefore, HWRA is constrained to restrict the steep hike in the proposal and recommend the tariff as above which are lower than those proposed by the department. The primary objective for increase in the bulk water tariff is increasing the revenue for financial sustainability of irrigation system and promoting economic efficiency in the use of water.

12. The efficient water use efficiency is an essential part of water consumption and should become a part of the behavioural change of the Bulk water users.

13. The increase in bulk tariff will help in curbing the uncontrolled water use and discourage the wastage of water and would encourage the use of treated waste water especially in the industry and power sector. It would



also provide adequate funds for maintenance and repair of water resources project as expenditure on Irrigation Management is more than the recovery of water charges. This paradoxical situation has been adversely impacting the performance of existing and new projects.

14. The Authority further decide that in view of prevailing conditions in the agricultural sector, the bulk tariff for irrigation purposes are not revised at this stage considering the conditions of the farmers and food security.

15. No change in BWT pertaining to other states and fish ponds have been proposed by I&WRD (refer para 5 table E). The Authority has agreed to the same keeping these rates as 'unchanged'.

16. The Irrigation & Water Resources Department is also advised to facilitate supply of bulk water in order to reduce the usage of ground water especially in the red and pink areas of village wise categorization recommended by the Authority. They may also ensure collection efficiency with regard to water charges and reduce high water losses.

17. Therefore, the tariff for bulk water uses of surface water, as defined in the table given in Para No.9 is decided accordingly and shall be effective/applicable w.e.f. 1st August, 2022.

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Date: 15/07/2022.

**Chairperson,
Haryana Water Resources Authority**

[Note: This order is appealable under Section 18 B of the HWRA Act, 2020. Haryana Water Resources (Conservation, Regulation and Management) Authority Draft Rules, 2022 available on the website of I&WRD i.e. <https://hid.gov.in/>].

From

Engineer-in-Chief, HoD (Special),
Irrigation & Water Resources Department,
Sinchai Bhawan, Sector-5,
Panchkula

To

The Chairperson
Haryana Water Resources Authority,
3rd Floor, Rear Block Building, HSVP, HQ,
Sector-6, Panchkula

No. 877-879/2R&CR/2022

Dated: 15.07.2022

Subject: Finalization of clear bulk water rates under HWRA Act

In this regard, it is submitted that on the recommendation of your office, a proposal was submitted to HWRA vide letter No.215-17/2R&CR/2022 dated 23.02.2022. In the meantime, a discussion meeting was held under the chairpersonship of your goodself and it was decided to systematically analyze the data and to partially modify the basis of tariff proposal considering the expenditure and revenue assessments based on the average expenditure and revenue assessments for the last 3 financial years i.e. 2019-20, 2020-21 and 2021-2022 to arrive at more optimal and rational proposed rates (the proposal was earlier given based on the expenditure and revenue assessments for the financial year 2020-21 only). Accordingly, calculations have been made on the basis of data available in the I&WRD and the revised facts, tables and figures are submitted as below:

The total expenditure in the last 3 years i.e. 2019-20, 2020-21 and 2021-2022 is as follows:-

TABLE-A
DETAILS OF EXPENDITURE ON CANAL OPERATIONS
(Rs. In Crore)

Name of Head	Actual Expenditure (2019-20)	Actual Expenditure (2020-21)	Actual Expenditure (2021-22)	Average of last 3 years (2019-21)
Revenue Expenditure				
Establishment	671.39	703.00	776.77	717.05
O&M	130.49	119.00	120.40	123.30
Energy	268.00	308.00	335.87	303.96
Total (A)	1069.88	1130.00	1233.04	1144.31
Capital Expenditure				
Rehabilitation of Canal Network and Improving Capacity of Pumps	266.34	218.32	366.00	283.55
Rehabilitation and Improving Capacity of Channels and Pumps- NABARD	153.62	178.26	303.51	211.79
Rehabilitation of Water Courses	12.56	16.30	26.47	18.44

Total (B)	432.52	412.88	695.98	513.78
Grand Total (A+B)	1502.40	1542.88	1929.02	1658.09

From above, an average expenditure (Both Revenue & Capital) on canal operations is about Rs.1658.09 Crore for the last 3 years i.e. 2019-20, 2020-21 and 2021-2022.

However, it is submitted that such huge expenditure is barely being met through revenue receipts. In this regard, it is relevant to mention here that as per rates of 2018 (the current prevailing rates) the average revenue assessment for the last 3 years i.e. 2019-20, 2020-21 and 2021-2022 is around ₹184.11 crore (Table C & D) which is only 11.10% of the expenditure of ₹1658.09 crore incurred by the I&WRD. The details of actual cost of water being incurred by the I&WRD and the revenue assessed is as follows:

TABLE-B

1.	Average supply in canal i.e. Yamuna and Bhakhra System in one year (average of last 3 FYs)	9.11 MAF =112326 Lakh cum
2.	Average Expenditure per year (average of last 3 FYs)	Rs. 1658.09 Crore
3.	Approximate cost per cum (2)÷(1)	Rs. 1.47/-
4.	Average Revenue assessed in the last 3 FYs (Irrigation purpose)	Rs. 53.13 Crore
5.	Revenue assessed in the last 3 FYs (Other than Irrigation purpose)	Rs. 130.98 Crore
6.	Average Total Revenue assessed in the last 3 FYs (4)+(5)	Rs. 184.11 Crore

Further, an exercise has been done to calculate the percentage of total water available being utilized for each purpose alongwith the percentage revenue assessed for each of them respectively as follows:

TABLE-C

Name of Department	Av Principal Amount assessed (in lacs) (1)	Rate /KL (Rs.) (2)	Approx. Quantity of water (Lac KL) (3)	%age of total water used (4)
Drinking Purpose				
Public Health	2763.33	0.25	11053.32	9.840
Huda (HSVP)/GMDA	530.58	0.25	2122.32	1.889
Army	174.82	0.25	699.29	0.623
Railway	14.63	0.25	58.51	0.052
Any Other Agency/ Universities/ Institutions Etc.	49.13	0.25	196.52	0.175
Industrial Purpose				
HSI IDC/Industries	4244.25	10.00	424.42	0.378
State Sugar Mills	4.12	10.00	0.41	0.000
Tourism	186.68	10.00	18.67	0.017
Power Utilities (HVPN/DHVPN/NTCP/ RGKTP/DCRTP/HPGCL)	5088.84	10.00	508.88	0.453

Fisheries	10.35	1.00	10.35	0.009
Benefit From Other State	31.07	1.00	31.07	0.028
Losses of Water in Canal Operations (Approx)			33697.80	30 (Approx.)
Irrigation Purpose	5313.45	15-120 (Per Crop Per Acre)	63509	56.54
Total	18411.24		112330.56	100.00

TABLE-D

PURPOSE	DEPARTMENTS	Rate/KL (Rs.) (As per 2018)	%age of water used	Average Revenue Assessed (Rs. in lakh)	% age of total assessment
Irrigation	Irrigation		56.54	5313.45	28.86
Drinking Water	Public Health, HUDA/GMDA, Railway & Army, Educational Inst.	0.25	12.58	3532.49	19.19
Industries	Beverage & Bottled Water Industry	20	0.00	0.00	0.00
	Industries, Sugar Mills, Tourism	10	0.39	4435.04	24.09
	Power Plants and Bulk users	10	0.45	5088.84	27.64
Fisheries	Fisheries	1	0.01	10.35	0.06
Other States		1	0.03	31.07	0.17
Transit Losses			30	0.00	0.00
Total			100	18411.24	100.00

Therefore, considering that the revenue assessment on the prevailing rates is detrimental to the state exchequer and that the burden of revenue deficit is increasing exponentially with each passing financial year, thus, a proposal for revision of water rates has been framed. The I&WRD intends to reduce this burden of loss of revenue by submitting this proposal with the revised rates.

Further, it is brought out that as per recommendation of 13th Finance Commission, for the purpose of eligibility and releases of grants, a State should set up Water Regulatory Authority by 2011-12 and it should recover at least 50% of the water charges mandated by the Authority.

Further, roughly 30% of water is lost during transit and around 57% of the water in the state is used for irrigation purposes. However, since due to

economic conditions of the farmers and food security for the nation, the revenue to be recovered from them may not be increased, it is proposed that the requisite amount may be cross subsidised from other Bulk users. Therefore, the bulk water rates may be revised as proposed below:-

Table E

Rates as per Govt. notification 30.07.2012			Rates as per Govt. notification 30.11.2018		New proposed Rates	%age increas e
No.	Description	Rates	Description	Rates		
1	Brick making and pisewall Building and water for Construction work.	Rs. 600 per 2500 Cft. (Rs. 8.5/KL)		Rs. 1500 per 100 cum (Rs. 15/KL) 76%	Rs. 3750 per 100 cum (Rs. 37.5/KL)	150%
2.	Water supply in Bulk: Industries Power Plants and other Bulk Users	Rs. 300 per 2500 Cft. (Rs. 4.25/KL)	Water supply in Bulk:- (i)(a) Beverage and Bottled water industry	Rs. 2000 per 100 cum (Rs. 20/KL) 370%	Rs. 5000 per 100 cum (Rs. 50/KL)	150%
			(b)Other industries, Power Plants and Bulk users	Rs. 1000 per 100 cum (Rs. 10/KL) 135%	Rs. 2500 per 100 cum (Rs. 25/KL)	150%
			(ii) Railways and Army	Rs. 750 per 100 cum (Rs.7.5/KL) 76.50%	Rs. 1875 per 100 cum (Rs.18.75 /KL)	150%
3.	Drinking purpose	Rs. 12 per 2500 Cft. (Rs. 0.17/KL)	Drinking purpose (including Railway and Army)	Rs. 25 per 100 cum (Rs. 0.25/KL) 47%	Rs. 125 per 100 cum (Rs. 1.25/KL)	400%
4.	Other States	Rs. 40 per 2500 Cft. (Rs. 0.57/KL)		Rs. 100 per 100 cum (Rs. 1/KL) 75%	Rs. 100 per 100 cum (Rs. 1/KL)	No change propose d
5.	Fish Ponds Except Fish Processing, freezing and Hatchery units			Rs. 100 per 100 cum (Rs. 1/KL)	Rs. 100 per 100 cum (Rs. 1/KL)	No change propose d

The rationale behind increasing rates is the prevailing expenditure by the department because the revision of bulk water is a periodic exercise which was revised to 1.5 times for drinking water, approximately 5 times for beverage & bottle industry, 2.35 times for other industries and power plants & bulk users in 2018 as compared to 2012 rates. Now, the department proposes to increase the rates by 2.5 times in-case of bulk water supply to the industries and 5.0 times for drinking water as compared to the prevailing rates of 2018.

Accordingly the anticipated assessment of revenue receipts on the basis of proposed rates would be as under:-

TABLE-F

Department		Existing Rate/KL (Rs.) (As 2018) per	Average Revenue Assessed (in lakh)	Proposed Rates/KL (In Rs.)	Estimated Revenue (in lakh)
Irrigation		15-120	5313.45	No change	5313.45
Drinking Water	Public Health, HUDA/GMDA, Railway & Army, Educational Inst.	0.25	3532.49	1.25	17662.45
Industries	Beverage & Bottled Water Industry	20	0.00	50	0.00
	Industries, Sugar Mills, Tourism	10	4435.04	25	11087.60
	Power Plants and Bulk users	10	5088.84	25	12722.10
Fisheries		1	10.35	No change	10.35
Other States		1	31.07	No change	31.07
Total			18411.24		46827.02

TABLE-F above establishes that the revenue assessment based on new proposed rates is estimated to increase by approximately 2.54 times. Also, with revised proposed rates, the revenue assessment comes out to 28.24% of the average expenditure incurred in the last 3 financial years as compared to the current assessment of 11.1%.

Now, the Government of Haryana has constituted the Haryana Water Resources Authority, which is empowered to decide the tariff for bulk water uses of surface water under Section 18 of the Act. Therefore, the proposal is submitted to the Haryana Water Resources Authority for consideration and further take up the same with Government for revision of the bulk water rates.

[Signature]
15/7/22
Engineer-in-Chief-cum-,
HoD (Special), I&WRD
15.07.2022

Copy to:

1. PS to Engineer-in-Chief, I&WRD for information of Worthy Engineer-in-Chief, I&WRD.
2. PS to Engineer-in-Chief, HoD (Special), I&WRD for information of Worthy Engineer-in-Chief, HoD (Special), I&WRD.

