



Review and revision of volumetric bulk water tariff rates for industrial, domestic and agricultural irrigation users in the State of Maharashtra

- 1.0. The Maharashtra Water Resources Regulatory Authority (hereinafter referred to as the Authority), in exercise of powers conferred under Section 11 (u) of the Maharashtra Water Resources Regulatory Authority Act, 2005 (hereinafter referred to as the Act), and after taking into consideration comments/suggestions received from the beneficiary public by the Water Resources Department (WRD) on the draft bulk water tariff proposal and the response of WRD to each of the comment/suggestion, hereby determines the volumetric bulk water tariff rates for supply of water by the WRD to the three categories of users in the State viz. industrial, domestic and agricultural irrigation, as under
- 2.0. These rates are applicable for the period rabi 2010-11 to hot weather 2012-13 for all types of water resources projects.
- 3.0. **Background**
 - 3.1. In exercise of the powers conferred under Section 11 (d) of the Act, the Authority had in June 2010 fixed the Criteria (valid for the 3 irrigation years 2010-11, 2011-12 and 2012-13) for determination of bulk water tariff in the State after ascertaining the views of the beneficiary public. Vide its letter dt. 3-6-2010, the Authority forwarded these Criteria to the WRD and directed it to submit the draft tariff proposal in conformity with them. Vide WRD's letter dt. 29-12-2010, the draft tariff proposal for the period rabi 2010-11 to hot weather 2012-13 was received by the Authority. After undertaking a technical scrutiny of the proposal with reference to its conformity with the Criteria and validity of the data used, the Authority intimated WRD vide its letter dt. 10-1-2011 that the proposal is in order for public consultation and it may take necessary action for the consultation in accordance with the draft Regulations for

Fixing Criteria and issue of Tariff Orders for Bulk Water, 2010 {Section 4 (vi)}.

- 3.2. In compliance with this directive, WRD published the abridged tariff proposal in newspapers on 1st/2nd March 2011 and also made available copies of the full tariff proposal in Marathi in all the talukas of the State by 28th Feb. 2011. Thirty (30) days time was given from this date to the public for receipt of comments /suggestions i.e. before 31st March 2011.
- 3.3. On completion of the stipulated period for public response, the WRD vide its letter dated 18th May 2011 forwarded to the Authority the comments / suggestions received on the draft tariff proposal together with its views on each comment / suggestion.
- 3.4. The Authority has accepted the tariff proposal of WRD with such modification/conditions as considered necessary. A list of suggestions / comments received the response of WRD and the decision of the Authority on each of the suggestions / comment is being separately hosted in the Authority's web site.
- 3.5. As provided in Section 6.4 of the Criteria, this order for volumetric rates of bulk water tariff is being issued by the Authority. The Authority, vide its letter dt. 30-5-2011 has directed the WRD to separately issue the area based crop wise rates for agricultural irrigation as per provisions in the same Section.

4.0. Volumetric Rates for Bulk Water Tariff

4.1. Industrial Use

- 4.1.1. The volumetric basic rates, depending on the source of supply, for bulk water users of the two sub categories of industrial users viz. industries using water as raw material (e.g. beverages) and industries using water for process (cooling, washing etc.) is determined as under.

(Rs./10m³)

Sl. No.	Source of Supply	Process Industries	Industries using water as raw material
1.	<u>Assured Water Supply</u> Major/Medium reservoir/storage tank without canal	32	160
2.	<u>Regulated Water Supply with Transmission Loss</u> Regulated river portion below dam/canal lift / K.T. weir with back up reservoir / tail race from reservoir	64	320

3.	<p><u>Partly Assured Water Supply</u> Minor reservoir with canal / K.T. weir without back up reservoir/ unregulated rivers without even any K.T. weir or in unregulated river portion flowing within a command area where there is no bandhara or K.T. weir</p>	16	80
4.	<p><u>Reservoir Constructed by the Water User Entity / User Entity Shared Proportional cost</u> Water user agency (Gram Panchayats, ULBs, Municipal Corporations and other such utilities) has shared proportional cost of infrastructure or constructed dam/bandhara/ katcha bandhara /K.T. weir at own cost</p>	10.7	53.5

Note :

- (i) the above basic rates will be applicable in the season between Nov. to February except in Konkan and Vidarbha where it will be between 15th November and 31st March. The corresponding rates in the season between July to October, except in Konkan and Vidarbha where it will extend to 15th Nov., **will be 50% of the basic rate** and in the season between 1st March to 30th June, except in Konkan and Vidarbha where it will be from 1st April to 30th June, **the rates will be 150% of the basic rate.**
- (ii) domestic component of industrial use will be charged at appropriate domestic rate as given in para 4.2 below.

4.1.2. Concessions / Incentives

- (i) For agro-industries (poultry, canning, dairying, sugarcane processing), 75% of applicable rate will be charged.
- (ii) if an industry reduces its demand to at least 75% or less of its Entitlement as per agreement (utilization reduced by a minimum of 25%) after adopting recycling, 75% of the applicable rate will be charged for the reduced demand subject to claimed reduction being verified by service provider not below the rank of Executive Engineer.

4.1.3. Penalty

Every industry is expected to treat its effluent to prescribed standards before release into natural water course. If effluent is not treated to the required MPCB standard, rate equal to twice the applicable rate will be charged. This will be in addition to any other action MPCB may separately take.

4.2. Domestic Use

4.2.1. The volumetric basic rates for bulk water, depending on source of supply to the three sub categories of domestic users viz. Gram Panchayats (GP), Urban Local Bodies (ULB) and Municipalities/Municipal Corporations is determined as under (transmission losses are borne by users):

Rate : Rs./10 m³

Sl. No.	Source of Supply	GPs	ULBs	Municipalities/ Corporations
1.	<u>Assured Water Supply</u> Major/Medium reservoir/storage tank without canal/	1.32	1.58	2.10
2.	<u>Regulated Water Supply with Transmission Loss</u> Regulated river portion below dam/canal lift / K.T. weir with back up reservoir / tail race from reservoir	2.64	3.15	4.20
3.	<u>Partly Assured Water Supply</u> Minor reservoir with canal / K.T. weir without back up reservoir/ unregulated rivers without even any K.T. weir or in unregulated river portion flowing within a command area where there is no bandhara or K.T. weir	0.67	0.79	1.05
4.	<u>Reservoir Constructed by the Water User Entity / User Entity Shared Proportional cost</u> Water user agency (Gram Panchayats, ULBs, Municipal Corporations and other such utilities) has shared proportional cost of infrastructure or constructed dam/ bandhara/ katcha bandhara /K.T. weir at own cost	0.44	0.53	0.70

Note :

- (i) Basic rate will remain the same in all the three seasons
- (ii) Industrial use component (including commercial use) of domestic use will be separately identified as per the agreement and charged at appropriate industrial rate.

4.2.2. Concessions / incentives

If Metro Corporation / Municipality / Utility / any domestic bulk user treats sewage effluent to required standards as prescribed and certified by MPCB, enabling use of such treated effluent for irrigation / gardening, the tariff for the quantum of bulk water used to produce such treated effluent will be 75% of the applicable tariff.

4.2.3. Penalties

- (i) Full levy will be charged for reservation made in reservoirs in drought period for drinking water use including evaporation and transmission use, irrespective of actual drawal.
- (ii) Municipal Corporations / Municipalities shall within two years from the date of issue of this tariff order prepare and submit to the MPCB and the Authority an implementation programme for setting up new / additional STPs of required capacity to treat the sewage effluent to the required standards failing which one and half times applicable rate will be charged thereafter.

4.3. Agricultural Irrigation (volumetric)

4.3.1. The volumetric season-wise rates for bulk water supply for paddy and for other crops in all categories of water resources projects is determined as under

Season	Paddy		Other crops
	Area under agreement in Vidarbha	Other areas	
Kharif	2	4	3
Rabi	4	8	6
Hot weather	6	12	9

4.3.2. Tariff for crop-wise, season-wise area based rates in agricultural irrigation have been determined separately in terms of Section 6.4 of the Criteria. Orders for the same are being issued by WRD. The area based rates include mainly a concession linked to holding size as under

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| (i) | Farmers with holding size less than 2 ha | 75% of applicable rate for all crops except sugarcane, banana, horticulture. |
| (ii) | Farmers with holding size less than 4 ha in (a) district in Vidarbha included in PM's package and (b) naxalite affected areas as declared by State government. | 50% of applicable rate for all crops except sugarcane, banana, horticulture. |

4.3.3. The area based rates also include a penalty, as per MWRRA Act, for farmers having more than 2 (two) children born after one year of enactment of MWRRA Act (i.e. after 8-6-2006) for whom 1.5 times applicable rate will be charged.

4.3.4. In working out volumetric rate as per Criteria, to encourage formation of WUAs, a concession of 25% in rate has been already given. For those WUAs who are allowing area based concessions as stated in para 4.3.2. and who are also levying the penalty linked to family size, as stated in para 4.3.3. to their members, the following reduced volumetric rates for crops other than paddy will be applicable

Kharif	-	2.5 p/m ³
Rabi	-	5 p/m ³
Hot weather	-	7.5 p/m ³

4.3.5. For paddy areas, a concession of 50%, as against 25% for non-paddy areas in working out volumetric rates, has already been given considering concession in Para 4.3.2. above.

4.3.6. To be eligible for the reduced rates as per 4.3.4., WUAs must give a certificate that they have allowed the concession as per Para 4.3.2. above and levied penalty as per Para 4.3.3. above while fixing tariff for their members.

- 4.3.7. (i) No tariff will be levied in the first year of operation of a project
(ii) 5% rebate in tariff will be given for advance payment before start of season.

5.0 General for Non-Irrigation Users

- (i) While entering into future agreements, WRD will keep in view Section 13.4 (ii) and (v) of Criteria.
- (ii) Any withdrawal for non-irrigation beyond $\pm 10\%$ of the prescribed quantity in the agreement will be charged penal rate at 1.5 times applicable rate.

6.0. General for all three categories of users

- (i) For delayed payments beyond permissible time limit, penal rate at 1% of the billed amount will be levied for delay of each month or part thereof.
- (ii) All rates are excluding local cess which will be charged as determined by the State government from time to time.

(S. V. Sodal)
Secretary, MWRRA

Copy to :

- (1) Secretary (WRP & Devp), Water Resources Department, Mantralaya, Mumbai
- (2) Secretary (WRM & CAD), Water Resources Department, Mantralaya, Mumbai
- (3) Secretary, Urban Development Department, Mantralaya, Mumbai
- (4) Secretary, Environment Department, Mantralaya, Mumbai
- (5) Secretary, Water Supply & Sanitation Department, Mantralaya, Mumbai
- (6) Secretary, Water Conservation Department, Mantralaya, Mumbai
- (7) Executive Director, Vidarbha Irrigation Development Corporation, Sinchan Seva Bhavan, Civil Lines, Nagpur – 440 001.
- (8) Executive Director, Maharashtra Krishna Valley Development Corporation, Sinchan Bhavan, Barne Road, Mangalwar Peth, Pune 411 011.
- (9) Executive Director, Godavari Marathwada Irrigation Development Corporation, 1st Floor, Sinchan Bhavan, Jalna Road, Aurangabad – 431 005.
- (10) Executive Director, Tapi Irrigation Development Corporation (TIDC), Sinchan Bhavan, Aakashwani Chowk, Jalgaon – 425 001.
- (11) Executive Director, Konkan Irrigation Development Corporation, 2nd floor, Sinchan Bhavan, Kopri Colony, Bara Bungalow Area, Thane (East)- 400 603.
- (12) Secretary, Rural Development Department, Mantralaya, Mumbai.