



No. 11/104/2015-Th-II (C.No. 228752)
Government of India
Ministry of Power

Shram Shakti Bhawan, Rafi Marg,
New Delhi, Dated: 05.03.2020

To,
The Chairperson
Central Electricity Authority,
Sewa Bhawan, R.K. Puram,
New Delhi.

Sub: Mandatory use of treated sewage water by the Thermal Power Plants as per the provisions of the Tariff Policy 2016 - Regarding.

The undersigned is directed to enclose herewith order no. 11/104/2015-Th-II dated 4th March, 2020 regarding Mandatory use of treated sewage water by the Thermal Power Plants as per the provisions of the Tariff Policy 2016 and to request to upload the same on Website of CEA.

2. It is also requested to communicate the above order to all the Principal Secretaries / Secretaries (Power / Energy) of the states, CMD/MDs of all state Gencos / Discoms, CMD of All CPSUs under control of MoP and Secretary (MoH&UA) under the intimation of the Ministry.

Encl: As above.

Yours faithfully,

(Anoop Singh Bisht)

Under Secretary to the Govt. of India
Telefax: 2371-9710

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Ministry of Power

Shram Shakti Bhawan, Rafi Marg,
New Delhi, dated 4th March, 2020

To

- 1. Principal Secretaries / Secretaries (Power/Energy) of all the State Government /UTs**
- 2. CMD/MDs of all State Gencos / Discoms**
- 3. CMD of all CPSUs under administrative control of Ministry of Power**
- 4. Secretary, Ministry of Housing and Urban Affairs, New Delhi**

Subject: Mandatory use of treated sewage water by the Thermal Power Plants as per the provisions of the Tariff Policy 2016 – regarding.

The Tariff policy 2016 issued by Ministry of Power (copy enclosed) under the clause 6.2 (5) has mandated that the thermal power plant(s) including the existing plants located within 50 km radius of sewage treatment plant of a Municipality/local bodies/similar organization, shall in the order of their closeness to the sewage treatment plant, mandatorily use treated sewage water produced by these bodies and the associated cost on this account be allowed as a pass through in the tariff.

2. To facilitate use of treated sewage water by the power plants, a draft MOU (copy enclosed) between ULB and power plants was placed on CEA website addressed to all the power utilities. This document provided the flexibility to the ULBs to build the STP, and deliver the required water quality to the power plants after tertiary treatment. The power plants also had choice to construct their own tertiary treatment plant and associated transportation pipelines.

2.1 As per the present arrangements the cost of the STP is borne by the urban Local Body, and the cost of tertiary treatment, the pipeline for

transport of water and the pumping system for this purpose is to be borne by the Thermal Power Plant.

Thus; in the draft MoU:-

Part-A - which includes the raw sewage supply system from sources to STP, Sewage Treatment Plant (Primary and secondary-STP), supply of secondary treated sewage water from STP to inlet of TTP (Tertiary Treatment Plant) is the responsibility of the Urban Local Body; while

Part-B - which includes the Tertiary Treatment Plant, the Treated Sewage Water pumping station, the pipe line conveying the water upto point of delivery at power plant, is the responsibility of the thermal power plant.

3. It was clarified that irrespective of mode of investment explained above no payment would be made by power utility towards supply of secondary treated water from STP secondary treatment plant which acts as input water for the Tertiary Treatment Plant (TTP).

3.1 As regards the setting up of the system of Part B – the tertiary treatment plant, the pipeline and the pumping system is concerned, two options were given. One option was that the ULB will set it up and realize the cost thereof from the thermal power plant by levying a charge per Kilo Liter of water. The second option given was the thermal power plant may set up the system of Part B itself. It has been seen that where the first option was followed – the Municipal Body setting up the system of Part B and recovering the cost thereof by a tariff per KL of water, there were disputes regarding the rates at which charges were levied.

3.2 Considering this and the delays caused by this; the arrangement of treated water supply between STPs and power plants has been reviewed and to promote the use of treated sewage water by the Thermal Power Plants as per the provisions of the Tariff Policy 2016, it has been decided as under:

a) The treated sewage water transportation system may be constructed by the power plants and the cost of transportation of treated sewage water up to the power plant shall be borne by the end use power plant.

b) The Urban local bodies (ULBs) shall facilitate the power plants in obtaining the Right of way etc, for laying the water transportation pipeline by the power plant.