


Action Plan to reduce water losses to less than 20%

(From 2015-2020)

(Website Edition)

Sl. No.	Basic Information on water supply	Quantity	Unit	
A	Total area of the ULB (IN Sq.KM.):-	17.29	Sq.Km	
B	Population of the ULB:- (as on 2011)	177259	Nos.	
C	Water demand (In Litre/Day):-	23929965	Lit.	
D	Water generated (In Litre/Day):-	12408130	Lit.	
E	Total Water generated (In Litre/Day):-	12408130	Lit.	
F	Water Supplied in Litre/Day :-	9926504	Lit.	
	1. Domestic Use (Litre/Day):-	868569	Lit.	
	2. Industrial Use (Litre/Day):-	0	Lit.	
	3. Commercial Use (Litre/Day):-	397060	Lit.	
	4. Social Use (Litre/Day):-	843753	Lit.	
G	Volume of water losses (Quantity of Water produced less Quantity of water delivered to users) in Litre:-	2481626	Lit.	
H	Percentage of water losses per day :-	25	%	
I	Benchmark i.e. 20% (Target of Savings in Water Use & Supply)	1985300	Lit.	
J	Water loss to be reduced per day	496326	Lit.	
Sl. No.	List of potential corrective measures to reduce water losses in ULB area	Volume of water losses expected to be reduced in Lit.	Reduction of water losses expected (%)	Year of Implementation
I	II	III	IV	V
1	Repairing of Major leakages or water losses area in the city 1. Pump House 2. Pumps and Valvos 3. storage reservoirs	124081.5	25	2018-19
2	Repairing and Maintenance of Distribution System 1. Leak Detection 2. Timely response to visible maintenance issues 3. Development of system zones Release Valves & Wash Out Valves 5. Replacement or repair of service connections and water mains 6. Corrosion Control	124081.5	25	2018-19
3	Monitoring of Metering Systems 1. Identification and Reduction of unauthorised Connections 2. Prevention of Water losses in Street Taps 3. Installation of new Meters at consumer level 4. Testing of production and sales meters 5. Re-specifying, re-sizing and replacement of meters 6. Improvements to meter reading methods 7. Billing improvements	124081.5	25	2018-19
4	Installation of Automatic shut-off valves for automatic closure of storage tanks in 1. Individual Households 2. Educational Institutions 3. Industrial Areas 4. Commercial Areas (Hotel, Restaurants etc) 5. Social Areas (Hospital, Bus Stop etc.)	99265.2	20	2018-19
5	Consumer Education 1. Aid consumers by producing understandable and informative water bill 2. Plumbing retrofits and replacements 3. Importance of water conservation	24816.3	5	2018-19
Total:-		496326	100	


Executive Officer 16.6.16
Hooghly Chinsurah Municipality
Executive Officer
Hooghly-Chinsurah Municipality


Chairperson
Hooghly Chinsurah Municipality
Chairman,
Hooghly Chinsurah Municipality