

A photograph of an industrial facility showing several large, parallel stainless steel pipes. Each pipe is equipped with a flow meter, which consists of a blue sensor head and a cylindrical body. The pipes are supported by metal brackets and run along a concrete floor. In the background, there are more pipes and a wall with a yellow warning triangle.

Flow Meter Monitoring & Data Logging System

For **Pump House | Overhead Tanks | ETP & STP**



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Theme in brief

▪ Pump house (soft water)

- ✓ These are mechanical meters. We are modifying these as follows
- ✓ It will have a proximity sensor output that will be given to a counter. The counter will locally display the total water consumption.
- ✓ One pulse of proximity will be X litres of water.

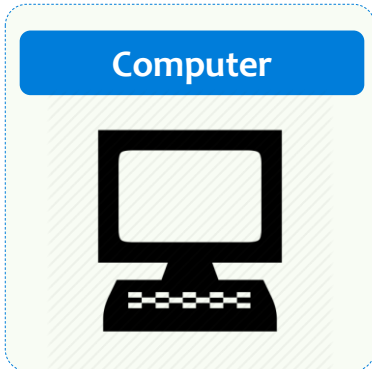
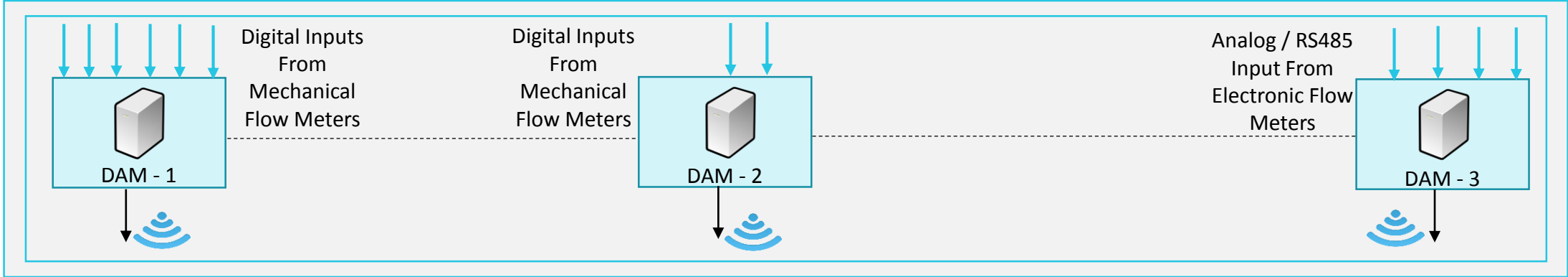
▪ Overhead tanks (Soft water)

- ✓ System same as pump house

▪ ETP and STP (Sewage water)

- ✓ These flow meters have a local display and 4-20 mA and RS485 output

DAM Interfacing



Features

- Connect all these meters to a centralised system
- Wireless data acquisition
- Slave DAMs will be required
- The master DAM collects all data from slave DAM and sends it to computer
- Data logging on computer with date and time stamp is required
- Historical Data
- Export to Excel



Login

Sign In

User Name

Password

Sign In

Pump House (Meter wise Consumption)



Overhead Tanks (Meter wise Consumption)



ETP & STP (Meter wise Consumption)



Reports



Graphical

From Date

To Date

From Time

To Time

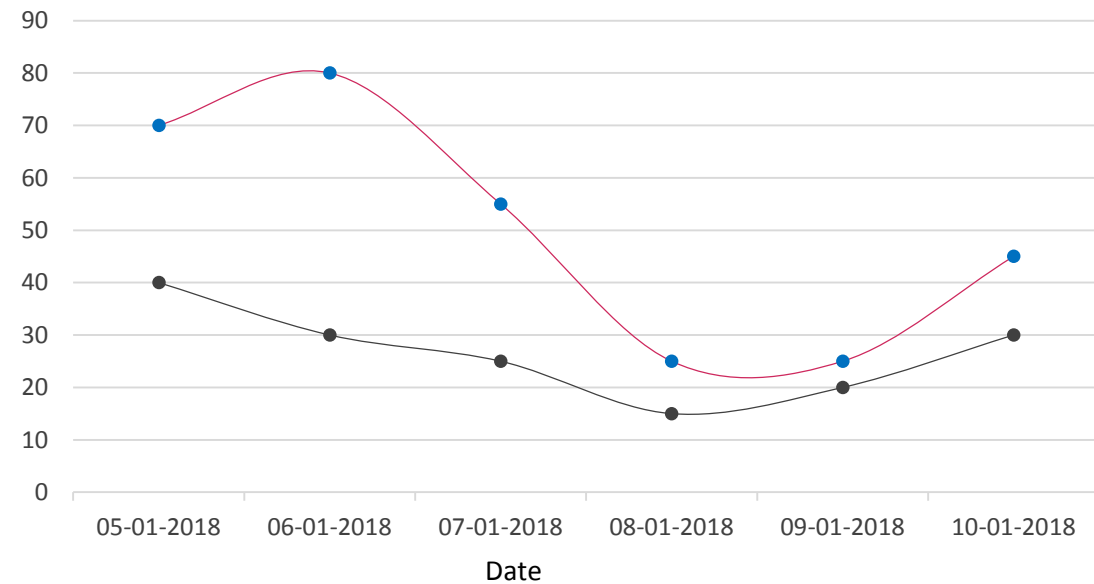
05-01-2018

10-01-2018

07:00:00

19:00:00

Consumption



Tabular

From Date

To Date

From Time

To Time

05-01-2018

10-01-2018

07:00:00

19:00:00

Sr. No	Date & Time	Pump House 1	Pump House 2	Pump House 3
1	01-01-2019 00:00:00	100	100	100
2	02-01-2019 00:00:00	100	100	100
3	03-01-2019 00:00:00	100	100	100
4	04-01-2019 00:00:00	100	100	100
5	05-01-2019 00:00:00	100	100	100
6	06-01-2019 00:00:00	100	100	100
7	07-01-2019 00:00:00	100	100	100
8	08-01-2019 00:00:00	100	100	100



Pump Wise Consumption



Consumption

From Date 01-01-2019

To Date 10-01-2019

From Time 07:00:00

To Time 19:00:00

Sr. No	Date & Time	Pump House 1	Pump House 2	Pump House 3
1	01-01-2019 00:00:00	100	100	100
2	02-01-2019 00:00:00	100	100	100
3	03-01-2019 00:00:00	100	100	100
4	04-01-2019 00:00:00	100	100	100
5	05-01-2019 00:00:00	100	100	100
6	06-01-2019 00:00:00	100	100	100
7	07-01-2019 00:00:00	100	100	100
8	08-01-2019 00:00:00	100	100	100

Download Data

 Download Data in Excel Format

From Date To Date

From Time To Time

Sr. No	Date & Time	Pump House 1	Pump House 2	Pump House 3
1	01-01-2019 00:00:00	100	100	100
2	02-01-2019 00:00:00	100	100	100
3	03-01-2019 00:00:00	100	100	100
4	04-01-2019 00:00:00	100	100	100
5	05-01-2019 00:00:00	100	100	100
6	06-01-2019 00:00:00	100	100	100
7	07-01-2019 00:00:00	100	100	100
8	08-01-2019 00:00:00	100	100	100



Heatcon Systems

Sensing & Control Solutions



www.heatconsystems.com | info@heatconsystems.com



Pune

S-3, Mangalmurti Industrial Estate,
T Block, MIDC Bhosari,
Pune 411 026, Maharashtra

+91 98 508 32 592

+91 97 633 56 590



Ahmednagar

Plot No: P-46, Near Vishwas Roadlines,
MIDC, Ahmednagar 414 111,
Maharashtra

0241 – 27 77 260

+91 98 22 015 260

+91 99 22 417 817