



From the desk of the Managing Director



Dear Readers,

Best wishes to everyone for the New Year!

I am happy to announce that during the previous quarter, Adept made a successful foray into the **Power Sector**. We have been awarded contracts by leading players like **NTPC, BHEL** and **APGENCO**.

We are making steady progress on the exports front and are receiving encouraging response from the Middle East and Africa. Our participation in the exhibition **IFAT Africa 2017**, gave us good exposure to the African market. On the domestic front, it is the patronage and trust of customers like you which help us in reaching our goals. On behalf of Team Adept, I sincerely thank everyone of you for your confidence in our products and services.

Sincerely yours,

Vinayak Gadre
Managing Director

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In line with the future. Precisely

Adept range of Electromagnetic Flowmeters and Ultrasonic Flowmeters

Preferred by leaders in the Power Sector

The Adept range of Flowmeters is the first choice of several leading companies, process plants and government departments across India. From this financial year onwards, we have made focussed efforts to approach the Power Sector as well. As expected, the response is highly encouraging and we have been selected by leading players in the segment.

Recently, we received sizeable orders from five power plants of National Thermal Power Corporation Ltd. (**NTPC**), four divisions of Bharat Heavy Electricals Ltd. (**BHEL**) and two power plants of Andhra Pradesh Power Generation Corporation Ltd. (**APGENCO**).

Of course, the entry in this segment was not easy, considering the high standards expected by these organisations. Our products and organisational competence were thoroughly evaluated on several parameters before we were allowed to participate in the tendering process. Finally, we were considered the best among all the other players in the field! We will be supplying various models of Electromagnetic and Ultrasonic Flowmeters to NTPC, BHEL and APGENCO.

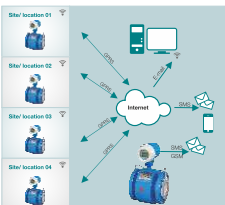


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SCADA: Real-time monitoring system for bulk water supply network



Application of SCADA System in Water & Waste Water Facilities

SCADA system has applications in both, water distribution plants and waste water treatment. In these plants, PC-based workstations are located in a control room which allow operators to view and perform control actions. In distribution plants, SCADA is used in monitoring water tank levels, pressure of water system, plant temperature, sedimentation, filtration, chemical treatment, etc.

SCADA system also helps in delivering business system integration, cost effectiveness and system security in water control systems and plants.

Why is it important to opt for SCADA System?

India's population is expected to rise to 1.6 billion by 2030 (34 percent rise over 2015) whereas, the same limited sources of water will have to cater to the requirement of this growing population. It is observed that water losses (of total distributed water) in India are nearly 40 percent which is the highest in the world. This calls for immediate measures for avoiding water losses. SCADA is your powerful tool to measure and control water usage.

SCADA

(Supervisory Control and Data Acquisition) Overview

- ▲ SCADA system is an industrial computer-based control system. It gathers and analyses real-time data to track, monitor and control industrial equipments.
- ▲ SCADA components are easy to integrate and provide improved capabilities for a faster response in real-time processes.
- ▲ SCADA system has the capacity to support higher level operational improvement applications. It is mostly used for control and automation across various sectors such as water & waste water, electrical power, oil & gas, telecommunication, etc.

Adept Flowmeters in Water Network with SCADA & GSM - GPRS Connectivity



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Why it is important to measure water usage



Fresh water makes up a very small fraction of all the water on the planet. You will be surprised to know that while nearly 70 percent of the earth is covered with water, only 2.5 percent of it is fresh. The rest is saline and ocean-based. Even then, just less than 1 percent of our fresh water is easily accessible, with much of it trapped in glaciers and snowfields. Moreover, less than 0.01 percent of it is found as surface water in lakes, swamps and rivers. These startling facts necessitate immediate and serious attention to water conservation.

Recent studies by various authorities and institutions ring alarm bells in the light of the following:

1. **By 2025, half the world's population will be living in water-stressed areas.**
2. **Up to 50 percent of water is lost through leaks in cities in the developing world.**

To conserve this precious resource, most essential for the survival of human beings, it is important to control the usage of water. **One can exercise such control more effectively when the usage is measured.** Once we know the existing level of usage, we will be able to set targets for reduction by optimising the usage. By measuring and controlling water usage through strict regulations, we can help in its conservation. Such measures need to be implemented at every place - homes, schools, industries and public places. This is more so in case of agriculture, where water usage is very high. Every small contribution can make a significant difference.

So let us pledge to conserve each and every precious little drop, at home, at work and in fields.

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We have prepared a sleek table calendar for the year 2018 and will be happy to see it on your desk. To get your free copy, send us your complete postal address at the earliest.

Write to: info@adeptfluidyne.com



If you are an existing user of Adept Flowmeters, we would like to learn more about your installations. They will be covered in our forthcoming issues.

Do write to us for more information, and to let us know how we can serve you better.