

SMART WATER SOLUTIONS

PROVIDING SMART WATER MANAGEMENT
AT YOUR DOORSTEP

EASTWATER



eastwater

Our 26-year journey

Eastern Water Resources Development and Management Public Company Limited or East Water oversees water resource in the eastern seaboard area of Thailand. Our extensive 500-kilometer network of water pipelines link major water resources in an all-inclusive network.

Growing alongside robust key industries in the eastern region, East Water has advanced its role as the frontrunner in the total water solutions of the country to ensure sustainable economic and social values.

[Chachoengsao]

Bang Pakong River

[Chonburi]

Nongkho and
Bangphra reservoirs

[Rayong]

Nongplalai, Dokkrai,
Klong Yai and Prasae
reservoirs

An extensive

500

kilometers of
water pipeline
network

The achievement allows for effective system-wide water management in the Eastern Economic Corridor, or EEC. For this reason, our solutions seek to ensure effective management of water resources, which is the critical mechanism in driving the nation's economy.

THE PRESENT DAY

East Water is equipped with ASEAN's most comprehensive water pipeline network to optimize water resource management. We always strive to explore novel innovations and devise new technology.



CONTROL CENTER

Our Control Center is the hub of the company's water management. The Supervisory Control and Data Acquisition or SCADA enables us to monitor our water distribution system round the clock and rapidly solve any problems, resulting in lower loss of water in the pipelines of less than 3%. We also employ Geographic Information System (GIS) to manage our water grid thereby allowing us to efficiently manage our water resources and address any problems promptly and precisely.

● Limit water loss to lower than

3%



HOT TAPPING/ WET TAPPING

This innovation allows us to connect water pipes without interruption of water supply.



SINK CAISSON

We are committed to deliver the highest quality raw water to our clients. We use Sink Caisson technology in the construction of our pumping stations to minimize water quality issues to nearby construction area, ensuring consistent raw water quality standards.

WHO WE ARE

Founded in 1992, East Water is the pioneer in developing and managing a large water pipeline system that supplies raw water to the industrial sector, as well as the domestic sector in the eastern seaboard area. In 1997, East Water was listed on the Stock Exchange of Thailand, raising the capital that helped save more than 20 billion baht of state budget. Currently, East Water has a registered capital of 1.664 billion baht.

Aside from raw water, East Water also supplies tap water under the management of its subsidiary, Universal Utilities Plc. Its goal is to supply high quality tap water, reaching a large network of households.

Saving

20

billion baht in
state budget

1.664

billion baht in
registered capital

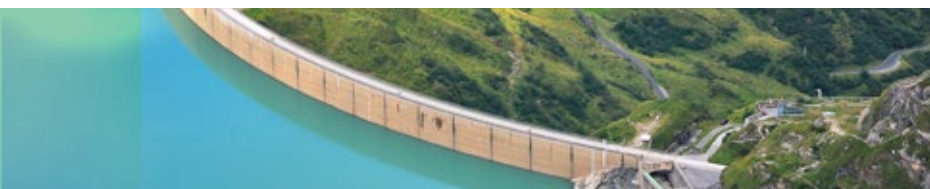
For over 26 years in business, East Water are committed to providing uninterrupted service to customers. With our experience and expertise in water management, we are confident in our ability to ensure a continuous water supply in our service areas.



WHAT WE DO

At present, East Water is a key provider of smart water solutions that supports and assists industrial users' growth. Our investment in state-of-the-art water management innovation and technology ensures that we have the ability to offer services customized for each customers requirement as follows:

RAW WATER



INDUSTRIAL WATER



TAP WATER



DRINKING WATER



WASTEWATER TREATMENT



RECYCLED WATER



SMART WATER SOLUTIONS

RAW WATER



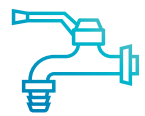
Procurement of raw water, investment and installation of pipelines, as well as ensuring sufficient raw water to satisfy demands year-round.

INDUSTRIAL WATER



Installation of production system of water for industrial use, ensuring that the quality matches customers' requirements, be it by clarification, reverse osmosis, demineralization, or sea water reverse osmosis desalination.

TAP WATER



Comprehensive management solutions and engineering services for both surface and desalinated sea water with state-of-the-art technologies in production, maintenance and distribution.

DRINKING WATER



Production of clean, safe, alkaline drinking water with antioxidant properties.

WASTEWATER TREATMENT



Wastewater treatment service tailor-made for each business, controlling wastewater effluent quality using technologies such as activated sludge and membrane bioreactor.

RECYCLED WATER



Providing service and installation of water recycling system for reuse in industrial operations.

Our smart water solutions help save energy, reduce water loss as well as cost of system maintenance. This environmentally friendly approach is beneficial to industrial sector and helps save the country's water resources. It also reemphasizes our role as the country's leading total water solutions provider.

East Water's operation is conscious of the values of the community and the environment by focusing its community development framework on the following 3 areas:

- Public water supply enhancement and environment conservation
- Promotion of the quality of life in the community
- Encourage life-long learnings

We have mounted initiatives to augment knowledge on the importance of natural water sources, instill an awareness of water resource conservation, and promote the continuation of a sustainable and self-sufficient way of life.

East Water

With our expertise on total water solutions, we are committed to taking Thailand to a new height of prosperity and sustainability by ensuring security of the country's water supply.

WATER NETWORK



Connecting all main water sources in Eastern Thailand with over **500 kilometers**



VISION

To be the leader in
total water solutions
of the country

MISSION

[1]

To develop the security and maintain stability of water resources in response to the long-term water demand.

[2]

To expand the investment in water related business for continuous and sustainable growth.

[3]

To increase competitive advantages through technologies and innovations.

[4]

To develop human resources and improve management efficiency.

[5]

To be socially and environmentally responsible and establish good relationships with all stakeholders in accordance with corporate governance principles.

OVER 26 YEARS OF SUCCESS



1992

East Water was established following a Cabinet Resolution with a registered capital of 10 million baht, and was 100% owned by Provincial Waterworks Authority



1994

Started raw water distribution with first 4 main pipelines to Rayong - Chonburi



1997

Listed on the SET and increased capital to 1 billion



1998

Established an affiliate named Universal Utilities or "UU" to engage an integrated water system business



2000

Developed the first mobile water production unit to provide service to communities



2000

Entered the sea water to fresh water conversion business using RO technology to solve the problem of water shortages on islands



2003

Installed a pipeline connecting Prasae and Klongyai reservoirs



2007

Moved head office to the East Water Building and changed Corporate Identity



2009

Developed centralized water distribution control system



2011

Developed a comprehensive raw water pipeline network to integrate three provinces: Chonburi, Rayong and Chachoengsao



2016

Developed 3W concept for sustainability of the country's water system: Water Grid, Water Network and Water Complex



2018

Introduced total water solutions to provide an integrated raw water, tap water, industrial water, wastewater treatment and recycled water service offerings

SUSTAINABILITY ROADMAP

1994

The quality of life and environmental development policy was formulated to allocate 5% of net profits to social and community development activities.

2012

The three aspects of the community development framework were launched.

2013

The sustainability policy came into use.

2015

The concept of Creating Shared Value (CSV) was in place.

2016

"CSR in Process" was developed.

2017

Sustainability roadmap complied with GRI G4.

2018

Sustainability roadmap complies with GRI Standards.



COMMUNITY DEVELOPMENT FRAMEWORK

- Our water management responds to every business need without compromising the quality of life in the community and general society.



BASIC INFRASTRUCTURE

Water and environment
campaign

Develop water supply to ensure adequate access to clean water in the community by organizing trainings and improving tap water systems in villages, providing clean drinking water in communities, managing wastewater treatment in school canteens, restoring natural resources and the environment.



SOCIO- ECONOMIC

Promotion of quality of life in
communities

Promote social ties and create economic models customised to suit the way of life in communities such as career trainings and sports.



LIFELONG EDUCATION

Encouraging lifelong
learnings

Promote an education system that contributes to the long-term development of the nation through East Water's Sufficiency Economy Learning Center Project and water-air pump type aerators building workshop.

Eastern Water Resources Development and Management PCL.

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