

India Non-Revenue Water (NRW) Reduction and Distribution Management Market Research Report by Technique (Leak Detection and Repair, System Audit and Analysis, Water Balance Analysis District Metered Areas (DMAs)), by Technology (Hardware and Software), by Service Type (Survey and Inspection, Maintenance Services, Consultation and Analysis, Consultation and Analysis), by Pipe Material (Metallic Pipelines and Non- Metallic Pipelines), by pipe size (Small Diameter Pipelines (< 300 mm), Medium Diameter Pipelines (300 - 600 mm), Large Diameter Pipelines (> 600 mm)), by Application (Residential Water Distribution, Industrial Water Distribution, Commercial Water Distribution, Office Building, and Agriculture), by Service Provider (In-house Service Teams, and Third-party service provider) Forecast to 2032

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Report description:

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by Pipe Material (Metallic Pipelines and Non- Metallic Pipelines), by pipe size (Small Diameter Pipelines (< 300 mm), Medium Diameter Pipelines (300 - 600 mm), Large Diameter Pipelines (> 600 mm)), by Application (Residential Water Distribution, Industrial Water Distribution, Commercial Water Distribution, Office Building, and Agriculture), by Service Provider (In-house Service Teams, and Third-party service provider) Forecast to 2032

Market Overview

India Non-Revenue Water (NRW) Reduction and Distribution Management Market is anticipated to register a significant market expansion at a CAGR of 5.2% during the review period. Rising focus on water management coupled with government rules and regulations associated with water distribution driving the target market growth.

Shifting focus towards advance water network monitoring is projected to supplement the market growth to a significant extent during coming years.

The India non-revenue water (NRW) reduction and distribution management market is rapidly rising due to the increasing water scarcity and demand for efficient water management and government regulations and initiatives propel the market growth substantially. However, the market's growth is hampered by high implementation and maintenance costs in the market.

Moreover, the growing trend towards advanced water network monitoring solutions is an opportunity to grow the India non-revenue water (NRW) reduction and distribution management market.

Market Segmentation

Based on technique, the India non-revenue water (NRW) reduction and distribution management market is segmented into

- ?□Leak Detection and Repair
 - o□Acoustic Leak Detection
 - Ground Microphone
 - Leak Noise Correlators
 - o□Pressure Management
 - Pressure Control Valves
 - Pressure Reducing Valve
 - Pressure Sensors
 - o□Pipe Inspection
 - CCTV Inspection
 - Ground Penetrating Radar (GPR)
 - Other
 - o□Tracer Gas Detection
 - Helium
 - Hydrogen
- ?□System Audit and Analysis
- ?□Water Balance Analysis
- o□Consumption Data Analysis
- o□Metering and Billing
- ?□District Metered Areas (DMAs)

Based on Technology, the India non revenue water (NRW) reduction and distribution management market is segmented into:

- ?□Hardware
- ?□Software
- o□SCADA System
- o□Hydraulic Modeling
- o□Data Analysis
- o□Asset Management System

Based on Service Type, the India non revenue water (NRW) reduction and distribution management market is segmented into:

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- ? Survey and Inspection
- o Routine Inspection
- o Emergency Inspection
- ? Maintenance Services
- o Preventive Maintenance
- o Corrective Maintenance
- ? Consultation and Analysis
- o Leak Impact Assessment
- o Pipeline Health Assessment
- ? Upgrades and Retrofit

Based on Pipe Material, the India non revenue water (NRW) reduction and distribution management market is segmented into:

- ? Metallic Pipelines
- o Cast Iron
- o Ductile Iron
- o Steel
- ? Non-Metallic Pipelines
- o PVC
- o HDPE
- o Concrete
- o Asbestos Cement

Based on pipe size, the India non revenue water (NRW) reduction and distribution management market is segmented into:

- ? Small Diameter Pipelines (< 300 mm)
- ? Medium Diameter Pipelines (300 - 600 mm)
- ? Large Diameter Pipelines (> 600 mm)

Based on application, the India non revenue water (NRW) reduction and distribution management market is segmented into:

- ? Residential Water Distribution
- o Municipal water supply
- o Transmission Mains
- o Rural Water Supply
- ? Industrial Water Distribution
- o Manufacturing Plants
- o Power Plants
- o Industrial Process Water
- o Others
- ? Commercial Water Distribution
- o Office Building
- o Shopping Malls
- o Hotels & Restaurants
- o Hospitals
- o Sport Facilities
- o Others
- ? Agriculture

Based on service provider, the India non revenue water (NRW) reduction and distribution management market is segmented into:

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- ? In-house Service Teams
- ? Third-party service provider

Major Players

The key players operating in the India Non-revenue Water (NRW) Reduction and Distribution Management Market include SPML Infra Limited, Suez Worldwide, Larsen & Toubro, Tata Projects Limited, AVK Valves, NIRAS A/S, Hawle, Xylem, Itron Inc., Jain Irrigation Systems Ltd among others.

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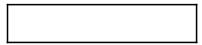
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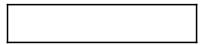
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