

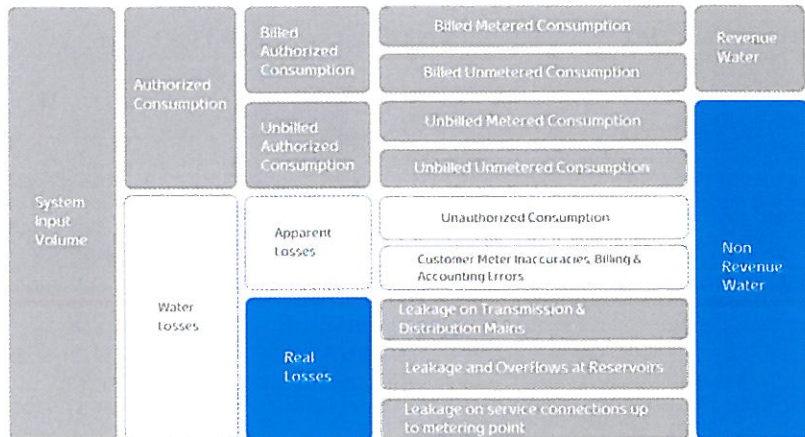
Technology Provider:

MIYA

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Innovation: Miya is an innovative collection of internationally recognized companies currently headquartered in Israel that target

the identification, prioritization, and elimination of losses in drinking water distribution systems. Water loss control is a means of minimizing energy use and reducing O&M costs.



Demonstration: H₂Opps and the Michigan Economic Development Corporation (MEDC) identified and arranged for two distinct water supply districts for a full scale demonstration – one in Farmington Hills and one in Detroit. The selected districts were sufficiently isolated to allow the reductions in water loss to be accurately measured. The Miya system will measure water flows throughout the distribution system, identify areas with the largest losses, and repair and/or replace these “worst case” areas. The initial cost is quickly offset by ongoing savings.

Source of Funding to Date: The Michigan Economic Development Corporation (MEDC) has provided \$304,000 to support the Farmington Hills demonstration project. The community matched that grant with a \$156,000 commitment of in-kind system funds. MEDC has also committed grant funding totaling \$312,000 to complete a demonstration project connected with the Detroit Water and Sewerage Department (DWSD) with approximately 50% of the grant amount with in-kind system funding as match.

Deviation from H₂Opps Business Model: The Miya demonstration is not consistent with the business H₂Opps model, as it has no provision for a return on investment to H₂Opps.

Jobs Creation Potential: Miya will establish a sales and marketing presence with four full-time employees and plans to grow quickly to forty full-time employees when full-scale operations begin.

This project has highlighted an industry wide shortage of certified water and sewer professionals. The Department of Energy, Labor & Economic Growth (DELEG), MEDC & H₂Opps is developing a statewide network of Training Centers of Excellence. These centers will draw on and connect Universities, facilities and engineering prowess to accelerate the training, apprenticeship and certification of the water and sewer professionals our industry desperately needs.