

# Energy Savings Possible for **URBAN WATER UTILITIES**

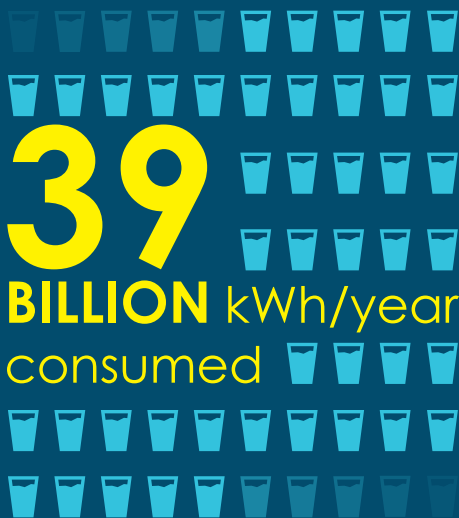
[www.waterenergytoolkit.org](http://www.waterenergytoolkit.org)

Significant energy and water savings in the water utility sector are possible and financially viable, according to a recent study commissioned by the National Electrical Manufacturers Association (NEMA). *Increasing Energy Efficiency in Urban Water Systems: Summary Report* provides results and analysis conducted by NEMA and GEI Consultants Inc.

NEMA worked with member experts as well as volunteers from the Hydraulic Institute and the International Association of Plumbing and Mechanical Officials, and sourced hundreds of existing reports and studies to analyze energy consumption, water throughput and consumption, and related energy-water metrics.



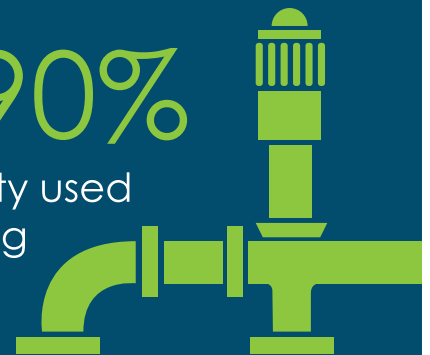
**5** water UTILITIES  
**,000**



**39**  
**BILLION** kWh/year  
consumed

**50-90%**

of electricity used  
for pumping



potential  
savings through

- Site audits
- Pump evaluations
- System optimization assessments
- Staff training
- Federal grants

**NEMA**

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