



NOVE TEHNOLOGIJE U MERENJU I OČITAVANJU VODE KOD POTROŠAČA

NEW TECHNOLOGY IN MEASURING AND READING OF WATER METERS

„IF YOU CAN'T MEASURE IT, YOU CAN'T MANAGE IT“

REZIME

Uvođenje novih tehnologija u merenju i daljinskom očitavanju vodomera je jedna od bitnih strategija u borbi za, otkrivanje gubitaka (curenja) a uz to, češće i kvalitetnije očitavanje vodomera, što je sigurno osnovna pretpostavka za uspešno poslovanje vodovodnih sistema.

Ključne reči: Smart vodomeri, daljinsko očitavanje, otkrivanje gubitaka (curenja)

ABSTRACT

Introduction of the new technology in measuring and remote reading of water meters is the basic strategy to detection of Losses (Leakage) and up that, more frequent and high quality reading of the water meters, and that is the basic supposition for successful management of the waterworks systems.

Key words: Smart watermeters, remote reading, discovery of Losses (Leakage)

UVODNE NAPOMENE

Poslednje godine, obeležene sa zabrinjavajućim nestašicama pitke vode i sa obeshrabrujućom najavom novih klimatskih promena na ovim i širim prostorima, naprosto nas teraju da još jednom preispitamo naš odnos prema tom najvažnijem životnom resursu. Problemi sa očuvanjem životne sredine, prvenstveno zagađenosti izvorišta u okviru koga su ugrožene i podzemne i površinske vode, zadaju sve novije i složenije probleme u tehnologiji prečišćavanja takvih voda do nivoa zdrave i pitke vode.

Imajući sve ovo u vidu, jasno je da je ovako tretirana voda – roba, koja ima svoju cenu, koja opet sublimira cene svih procesa u fazi njene obrade od zagađene do pitke vode, kao i njenog transporta do krajnjih potrošača. Nesporna premisa svemu ovome jeste tačno merenje vode na mestima njene potrošnje, i to sa novim, naprednim mernim tehnologijama, sto upravo i jeste tema ovog rada.

OPENING REMARKS

Recent years, marked with a troubling shortage of drinking water and discouraging new announcement on climate change in our and wider region, simply force us to look again at our attitude towards the most important living resources. Problems with the environmental protection, especially pollution of springs within which are endangered ground and surface waters, give newer and more complex problems in treatment technology of such waters to the level of healthy drinking water.

Bearing all this in mind, it is clear that such treated water - goods, has its price, which summarizes prices of all treatment processes from the contaminated to drinking water and its transportation to the end users. Indisputable premise of all this is the exact water measurement in the place of consumption, with new advanced metering technology, which is precisely the subject of this paper.

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