

Interactive comment on “Analysis of water distribution network under pressure deficient conditions through Emitter Setting” by Suribabu Conety Ravi et al.

Anonymous Referee #2

Received and published: 8 December 2018

General Comments

Authors proposed an iterative approach to analyse pressure deficient networks. This is one of the important topics that need better algorithms to solve the various bottlenecks that arises while analyzing water distribution networks under different scenarios. Authors approach is an improvement over some of the existing approaches where emitter option of EPANET software used to model pressure deficient network. Authors provided good overview and literature review on the topic. The proposed methodology defined clearly and its applicability illustrated with few benchmark networks. Case studies are discussed well.

C1

Specific Comments

(1) In the EPANET all information is entered manually. In this method whether revised parameters should be added manually or automatically? How?

(2) “snapsort” should be written as “snapshot”

(3) How emitter co-efficient is calculated? Whether discharge unit needs to be substituted with EPANET default set value?

Interactive comment on Drink. Water Eng. Sci. Discuss., <https://doi.org/10.5194/dwes-2018-23>, 2018.

C2