

Interactive comment on “Functioning conditions of the Casale pumping station in Mantova, Italy” by C. Capponi et al.

Anonymous Referee #1

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This is an interesting work showing detailed real measured pump data of a pumping station. Unfortunately, the English is not always very clear and concise. I suggest to have a native speaker check the paper and rephrase several parts, and maybe also use some other words.

Page 152, line 7: remove “variation in” Page 152, line 22: change “station” in “stations”
Page 153, line 6: remove “variation in” Page 153, line 17: specific weight of what?
Page 154, line 5-10: Isn’t the impeller diameter constant? So this why take this into account? Page 155, line 16: “streamflow power” is unclear. Suggest to use “hydraulic power” instead Page 157, line 8-9: I disagree that pump speed and input power are more useful than hydraulic data. I think that you must study the combination of all. The pump speed and input power by themselves do not provide any insight, where hydraulic

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data provides some insight. But –as was shown in the paper– the combination is valuable. I suggest to rephrase the sentences.

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