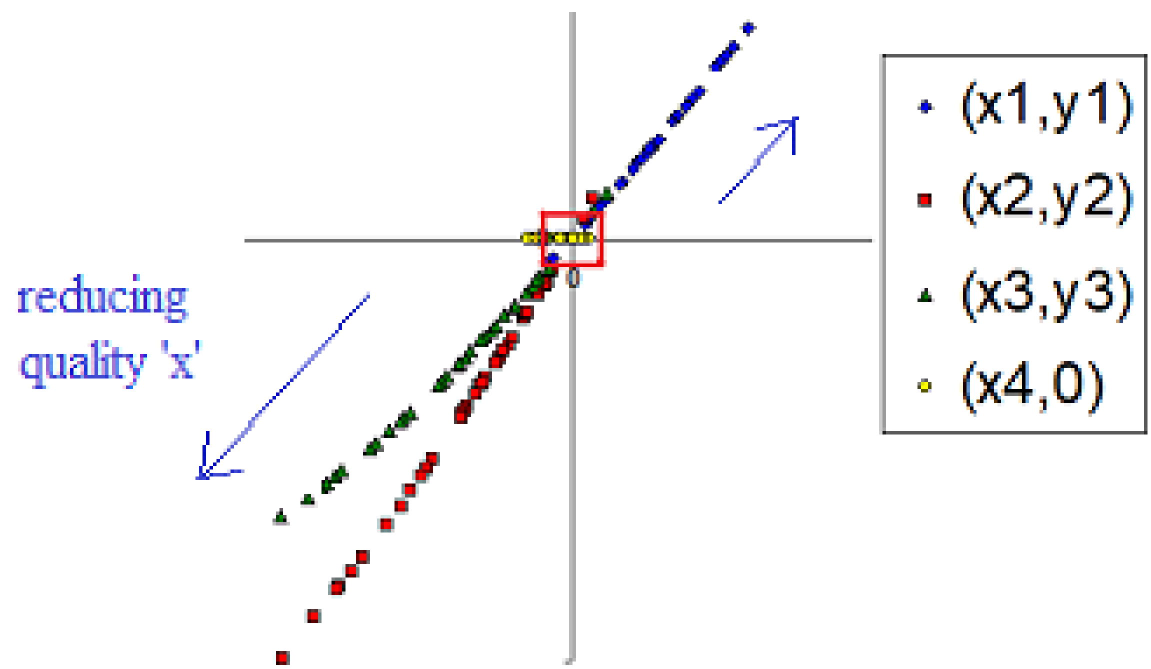
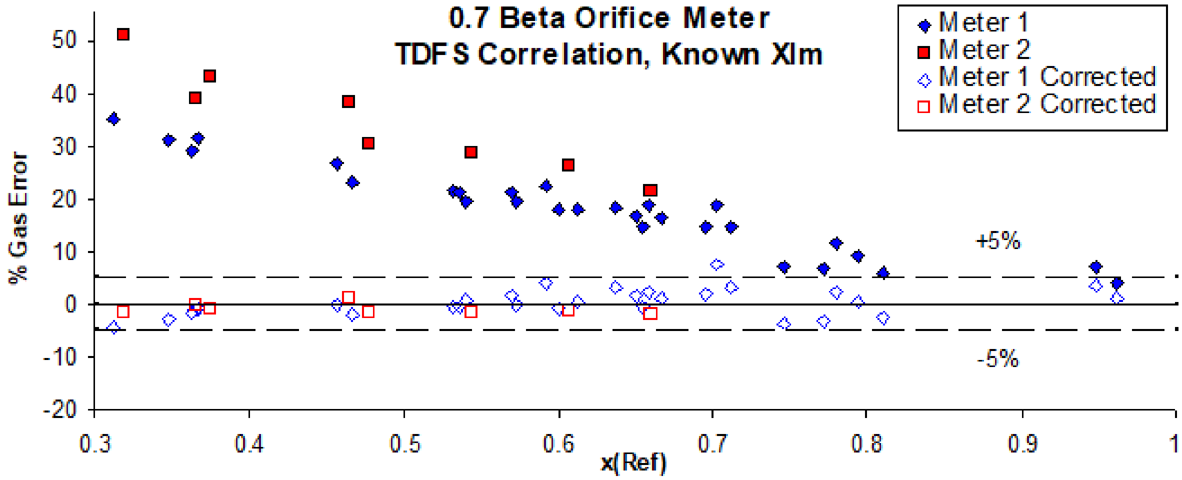
Geothermal Saturated Steam Metering

The DP Diagnostics Prognosis Valysys and Phase Track systems were applied to Lansvirkjun geothermal saturated steam production flow orifice meters. Phase Track was specifically set to saturated steam conditions.

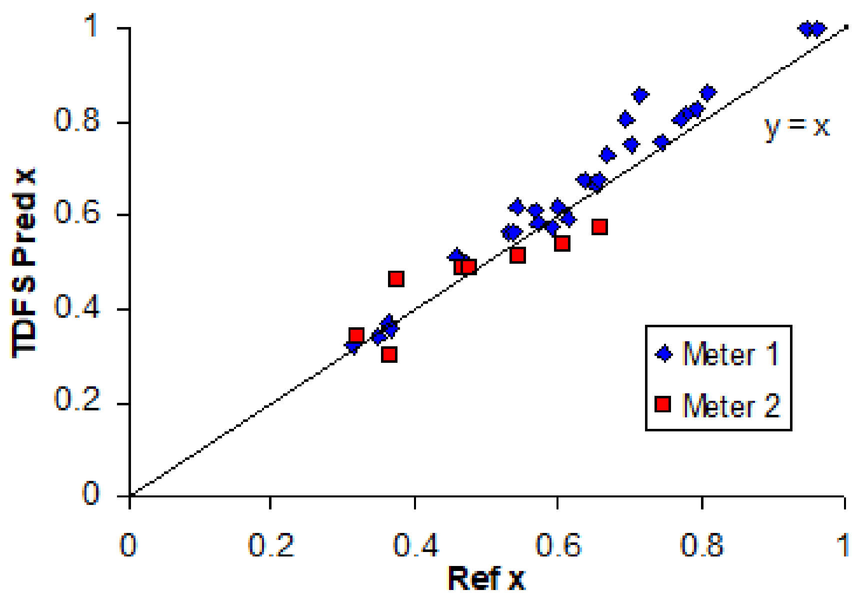
Valsys correctly tracked changes in the saturated steam flow quality:



Phase Track correctly metered the steam flow:



Phase Track correctly metered the steam quality:



The application of Valsys and Phase Tracker to the individual geothermal saturated steam production flow line orifice meters allows live / real time metering of the steam and water flows, which allows the individual well, and the overall geothermal power plant operation, to be optimized.