

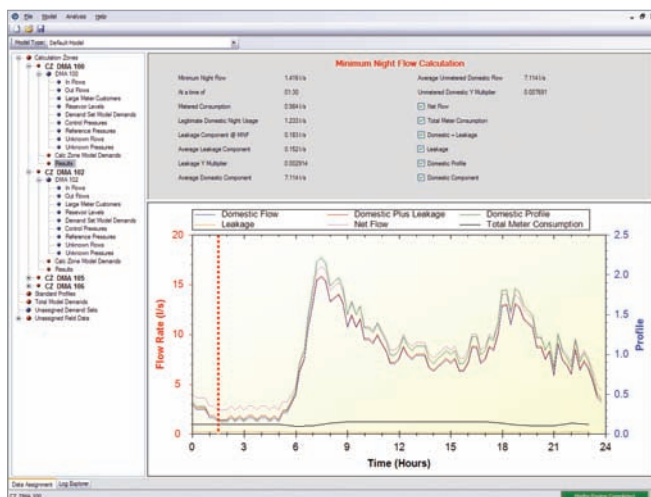
Cp

CalPrep



CalPrep (Calibration Preparation)

CalPrep (Calibration Preparation) improves the speed and reliability of the way SynerGEE® users calibrate water models, calculate leakage and derive un-metered domestic consumption using logger and telemetry data. CalPrep can seamlessly import SynerGEE data together with field data and standard demand profiles in order to generate leakage and un-metered domestic curves using the minimum night flow methodology.



Benefits

- Ability to handle dual component leakage so background and burst leakage components can be individually modelled for each District Metered Area (DMA)
- Derivation of un-metered domestic demand and leakage profiles using the industry standard minimum night flow methodology
- Ability to aggregate multiple DMAs in to 'calculation zones' in cases where metered boundary flows are missing
- Resultant profiles can be easily exported directly to SynerGEE along with standard demand and pressure profiles
- Ability to adjust leakage values based upon zonal pressure conditions and network infrastructure quality thereby increasing accuracy of the results
- Efficient import, storage and classification of large volumes of pressure and flow field data
- Field data can be easily and intuitively associated with DMAs and model nodes using drag and drop functionality thereby reducing the overall model build time
- Configured CalPrep models can be periodically rerun with the latest field data and SynerGEE model resulting in significant time savings
- Auto generation of reference data and calibration charts

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