Release Notes of PowNet Versions

PowNet v1.1

- First release, date: 27-Sep-2019.
- Archived in Zenodo with doi: 10.5281/zenodo.3756750.
- Contributors: AFM Kamal Chowdhury, Jordan Kern, Thanh Duc Dang, Stefano Galelli, Arijit Bagchi

PowNet v1.2

- Second and latest release, date: 08-Sep-2020.
- Archived in Zenodo.
- Contributors: Rachel Koh, AFM Kamal Chowdhury, Stefano Galelli

Modifications:

- Logical Constraints at Segment B.9 are modified to fix a bug that used to initialize the binary decision variables (on and switch) for each horizon (e.g., 24 hours).
- Derate factors of dispatchable units – the climate-dependent variable which can vary for each year in simulation over multiple years – are now provided in separate csv files with column heading as 'deratef_xxxx', where 'xxxx' denotes the simulation year (e.g., 2016, 2017 etc.).
- Storing process of outputs in the solver script slightly reduced the computational requirements.