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| **Organization** | **Contact Name** | **Organization Type** | **Area of Technical Expertise** | **Description of Capabilities** | **Contact Information (Contact Email Address, Contact Address, Contact Phone #)** |
| Kansas State University | Dr. Hongyu Wu | Academic Research Institution | Power system operational flexibility; advanced modeling and optimization on hydropower scheduling with stochastic constraints (e.g., water inflow and time delay between reservoirs); uncertainty quantification; big data analytics. | cutting-edge smart grid laboratory with real-time simulators, High-performance computing | [hongyuwu@ksu.edu](mailto:hongyuwu@ksu.edu), 785-532-4588 |
| Deltares | MSc. I.J. Miltenburg | Research Institution | Real-time control; Decision Support and Forecasting Systems; Hydrological/Hydraulic modeling; Multi-objective optimization; Forecast uncertainty; Stochastic Optimization | Deltares is an independent institute for applied research in the field of water and subsurface. Deltares is the lead developer of the state of the art flood forecast and warning system (Delft-FEWS -  [http://www.delft-fews.nl/](https://eur03.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.delft-fews.nl%2F&data=02%7C01%7C%7C5e92d4a9fcb9420624eb08d6cd6c6e11%7C15f3fe0ed7124981bc7cfe949af215bb%7C0%7C0%7C636922262970356807&sdata=neAvEqGNL94QtTn08ecmHUvAozIr1vhTuL%2BcuOEXJIw%3D&reserved=0)) and the open-source toolbox for control and optimization of water (and hydropower) systems (RTC-Tools - [https://www.deltares.nl/en/software/rtc-tools/](https://eur03.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.deltares.nl%2Fen%2Fsoftware%2Frtc-tools%2F&data=02%7C01%7C%7C5e92d4a9fcb9420624eb08d6cd6c6e11%7C15f3fe0ed7124981bc7cfe949af215bb%7C0%7C0%7C636922262970356807&sdata=DhcyVc410WeTsD2h%2B6QK3X1jWh%2Ftje065Xhp62kqA3A%3D&reserved=0)). Deltares staff include highly skilled developers and modelers of hydropower system control applications/models. | [Ivo.Miltenburg@deltares.nl](mailto:Ivo.Miltenburg@deltares.nl),  +316-1173-4851 |