



Public Works Department
706 South Glover Avenue
Urbana, IL 61802
(217) 384-2342
FAX (217) 384-2400

February 18, 2015

Mr. Brian Cuffle
Ameren Illinois
607 East Adams Street
Springfield, Illinois 62701

RE: Request to Consider Support for ENERGY STAR Portfolio Manager and Meter Aggregation

Dear Mr. Cuffle:

The City of Urbana, like many other cities in Illinois, is working to increase energy efficiency and renewable energy installation while reducing greenhouse gas pollution. To that end, the City just completed the Urbana-Champaign ENERGY STAR Challenge where building owners and managers were invited to benchmark, track, and reduce their energy use through the US EPA's free ENERGY STAR Portfolio Manager (ESPM) program, the industry's leading tool for building benchmarking. ESPM has an application program interface (API) that allows utility companies to port customer data digitally into the customer's ESPM account.

The City of Urbana respectfully requests that Ameren Illinois develop the capacity to utilize the ESPM API to dramatically ease the use of ESPM so more buildings can take advantage of this free tool and get their buildings ENERGY STAR Certified.

Additionally, Illinois Compiled Statute Sec. 16-107.5 allows utilities to aggregate the consumption of multiple meters to create a net energy consumption bill for a customer in what the statute calls "meter aggregation" and what other states variably call 'virtual net metering' or 'community solar.' Meter aggregation is critical to facilitate lower cost, ground mounted, and offsite solar energy. It would allow property owners to install solar energy with greater economies of scale and then sell off the production of individual panels to households or businesses located elsewhere, while the production of those individual panels is automatically net metered on the customer's bill.

The City of Urbana respectfully requests that Ameren Illinois develop the capacity to facilitate meter aggregation to allow for virtual net metering of utility customers and renewable energy installations that are not served by the same meter.

The City of Urbana is willing to support Ameren Illinois' efforts in these matters by pilot testing relevant procedures and technologies. Furthermore, the City is willing to pursue grant funding in partnership with Ameren Illinois to help pay for the development of relevant procedures and technologies.

We look forward to your response to these requests and hope that we can work together again in the future as we worked together on the Urbana Home Energy Performance program.

Sincerely,

William R. Gray, P.E.
Public Works Director
wrgray@urbanaininois.us





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February 18, 2015

Mr. Ken Woolcutt
Ameren Illinois
300 Liberty Street
Peoria, Illinois 61602

RE: Request to Consider Support for ENERGY STAR Portfolio Manager and Meter Aggregation

Dear Mr. Woolcutt:

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February 18, 2015

Mr. Jim Angel, State Climatologist
Illinois State Water Survey
2204 Griffith Drive
Champaign, Illinois 61820

RE: Request to Update Bulletin 70

Dear Mr. Angel:

The purpose of this letter is to respectfully request that the Illinois State Water Survey (ISWS) evaluate whether or not revisions to Bulletin 70 are needed in light of the past thirty plus years of additional rainfall data and arguable climate changes. The 2013 National Climate Assessment expects that by the end of the century, average annual precipitation will increase by 3 to 6%. The Midwestern Regional Climate Center predicts that much of the increase in annual precipitation will occur in the winter, but fall as rain creating the potential for increased flooding, especially if this rain falls on frozen ground. The Center also predicts that the East Central Illinois climate will change from having 5 to 7 days per year of precipitation greater than one inch to 7 to 9 days per year with precipitation greater than one inch.

The City of Urbana and most other municipalities rely on Bulletin 70. One example where Bulletin 70 is used is to determine stormwater detention requirements for new developments. Stormwater detention basins in Urbana's case are required to hold the volume difference between the 50-year post development storm and the 5-year pre-development storm. The stormwater sewer system for new developments must also be designed to convey the 5-year storm. Therefore, it is critical that the design year storms established in Bulletin 70 by the ISWS accurately reflect design storm rainfall intensities.

Thank you for your consideration of this request. If you have any questions, please feel free to contact this office.

Sincerely,

William R. Gray, P.E.
Public Works Director
wgray@urbanaininois.us

