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ARIZONA CORPORATION CONTROL
COMMISSION

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July 9, 2015

RE: ~~Emerging Technologies, Docket No. E-00000J-13-0375~~

~~In the Matter of the Application of Arizona Public Service Company for a Ruling relating to its 2016 Demand Side Management Implementation Plan, Docket No. E-01345A-15-0182~~

~~In the Matter of the Application of Tucson Electric Power Company for Approval of its 2016 Energy Efficiency Implementation Plan and Waiver, Docket No. E-01933A-15-0178~~

In the Matter of the Application for UNS Electric, Inc. for Approval of its 2016 Electric Energy Efficiency Plan, Docket No. E-04204A-14-0178

Dear Commissioners and Interested Parties:

Several presenters at our technology workshops last year discussed new and emerging demand-side management (“DSM”) technologies and strategies that could help Arizona ratepayers save money on their utility bills. Examples of these new technologies and strategies included (but were not limited to): combined heat and power (“CHP”); distribution voltage optimization; behavioral energy efficiency (including Home Energy Reports); demand response (including behavioral approaches); integrated energy efficiency and demand response (“integrated DSM”); strategic energy management; smart thermostats; residential energy automation; and enhanced analytics (including advanced interval meter data and associated analysis) to increase energy efficiency savings.

In its Staff Report filed in the Emerging Technologies Docket, Commission Staff stated that the Commission could encourage adoption of these new technologies and strategies by considering the approval of DSM portfolios that include them.

Arizona Public Service Company (“APS”), Tucson Electric Power Company (“TEP”), and UNS Electric, Inc. (“UNSE”) have recently filed their 2016 Energy Efficiency/DSM plans. It would be helpful to me in my consideration of these plans to have more information concerning the manner in which each utility’s plan evaluated and considered these new technology opportunities. Therefore, I request that APS, TEP, and UNSE provide the following information concerning its 2016 plan:

1. Whether or not it currently implements the specific technologies and strategies discussed during the workshops as part of its existing DSM portfolios.
2. Whether or not it considered the new technologies, and if so, whether or not it included any of them as part of its 2016 plan, with a summary of how they were included.
3. If they were not included as part of its 2016 plan, an explanation of why they were excluded. In responding to this request, the utility should explain whether it evaluated these new opportunities for cost-effectiveness and energy savings potential or not, and provide a copy of such analyses.

4. Information on any other new DSM technologies or strategies that the utility considered in the preparation of its 2016 plan, including any analyses of the cost effectiveness and savings potential of other new technologies or strategies (if these are not already included in the utility's 2016 plan filing).

I request that each utility's responses should be docketed by July 31, 2015 in its individual energy efficiency/DSM docket referenced above. Thank you in advance for your anticipated timely and full responses to these questions.

Sincerely,



Robert L. Burns
Commissioner

Docketed in the above referred to dockets
Mailed to the Service Lists for these dockets