

**From:** Court Olson <[colson@optimumbldg.com](mailto:colson@optimumbldg.com)>

**Sent:** Monday, September 23, 2019 11:07 AM

**To:** IRP -- mail -- <[IRP@pse.com](mailto:IRP@pse.com)>

**Cc:** Netik, Irena <[irena.netik@pse.com](mailto:irena.netik@pse.com)>; Popoff, Phillip <[phillip.popoff@pse.com](mailto:phillip.popoff@pse.com)>; Hossner, Elizabeth <[elizabeth.hossner@pse.com](mailto:elizabeth.hossner@pse.com)>; Allan Vann ([avann@enviroissues.com](mailto:avann@enviroissues.com)) <[avann@enviroissues.com](mailto:avann@enviroissues.com)>; Elise Johnson ([ejohnson@enviroissues.com](mailto:ejohnson@enviroissues.com)) <[ejohnson@enviroissues.com](mailto:ejohnson@enviroissues.com)>; Angie Thomson ([athomson@enviroissues.com](mailto:athomson@enviroissues.com)) <[athomson@enviroissues.com](mailto:athomson@enviroissues.com)>

**Subject:** Sept 25th TAG gas discussion follow-up

Greetings fellow PSE TAG members.

Just wanted to share this link to a summary of new reports out from the Rocky Mountain Institute on the future of gas in the U.S. It lends credibility to my voiced assertion in the September 25th TAG meeting that use of gas will likely decline (not rise as PSE projects) during the 20 year forecast period of the current IRP.

<https://rmi.org/wp-content/uploads/2019/09/clean-energy-portfolio-two-pager.pdf>

While this RMI report focuses on electric utilities needing to move away from gas as a power generating source for cost reasons, it does point out that a consequence of this transition will likely be a rising cost of gas to end users:

" • This decline in utilization will lead to rising unit costs for delivered gas borne, in most cases, by captive utility customers "

I expect this potentially rising cost of gas to consumers due to potentially stranded utility gas assets will only add to the increasing interest of building owners (consumers) in moving away from gas and into clean energy appliances --e.g. away from gas furnaces, hot water heaters, and stoves toward clean and more healthy electric heat pumps, heat pump hot water heating, and electric induction stoves.

*Court*

Court Olson

MSCE, CCM, DBIA, LEED AP

**Optimum** Building Consultants, LLC

206-245-7176

[www.optimumbldg.com](http://www.optimumbldg.com)

*Note from PSE: this communication will also be recorded in the TAG 8 meeting record.*