

# PNGC Power Pulse

September 2018

## Inside This Issue

- 1 A Meeting of Minds
- 2 Online Energy Auction
- 3 PNGC Peak
- 3 Mid-C Pricing
- 4 BPA Happenings
- 4 Upcoming PNGC Events

## A Meeting of Minds

PNGC hosted the National G&T Managers Association meeting at The Benson, in downtown Portland, September 9-11. This bi-yearly event allows G&T managers from across the nation to gather in one space to share ideas, swap best practices, and learn from industry leaders.

This meeting's agenda was packed with speakers covering a variety of topics including broadband development, CEO challenges and solutions, and battery technology developments. RUS, CoBank, and NRECA updates were provided, and NRECA CEO Jim Matheson spoke with the group.

PNGC staff hosted events outside the official agenda that included a wine tasting tour of Willamette Valley wineries, golf, and a guest lunch that toured iconic Portland neighborhood food carts. Finally, the managers group was treated to a dinner cruise on the Portland Spirit for their final night in the city.

Association President, Lisa Johnson of Seminole Electric, used the morning of the final meeting session to thank PNGC staff for their work. "These meetings aren't easy to put together, and planning is hard when everyone is spread across the country," Johnson stated, "and we just want to tell PNGC thank you for taking care of us while we were here."



The spring 2019 National G&T Managers Association meeting will be held in North Carolina.

View of downtown Portland from the bow of the Portland Spirit.

## Online Energy Auction

On September 13 PNGC conducted an energy purchase auction on the Enernoc auction platform. Outside of the need to acquire the energy to meet our load needs, PNGC staff was interested in seeing whether buying through an auction platform resulted in better pricing in comparison to the current practice of bi-laterally contacting counterparties individually for pricing.

Jeff Kugel, PNGC Power Resource Analyst, describes Enernoc as an energy services company. He describes Enernoc's auction platform as working similar to eBay, from a software perspective. In this case, PNGC would initiate a Request for Proposals (RFP) for the auction, and Enernoc would then contact PNGC's counterparties to solicit their participation in the upcoming auction. The participating counterparties would then enter bids into the auction platform where the lowest bid would be visible to all. The idea is that transacting in this type of environment could potentially drive prices down and create pricing transparency for the buying entity.

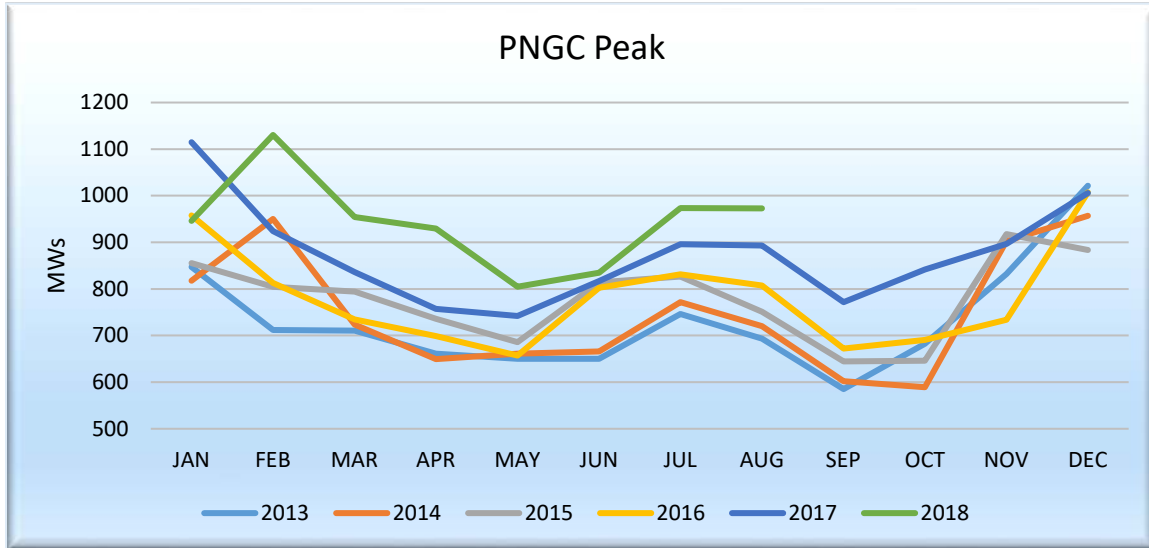
PNGC did purchase 25 MW of flat energy for Q1-2019 in this pilot auction at a competitive rate. "We did our due diligence with this pilot," Kugel said. "We did the pilot, the post-mortem, and now we're looking at more detailed back-end analysis." Kugel said there's a lot to consider with a program like this, and the power supply department at PNGC is currently weighing the benefits of what Enernoc has to offer. Fully exploring a potential new purchasing technique is all a part of the job, Kugel said. "It's part of our ongoing dedication to providing the best energy product on the market for our members."



Tiffany Menhorn of Enernoc, and Greg Mendonca and Jeff Kugel of PNGC Power.

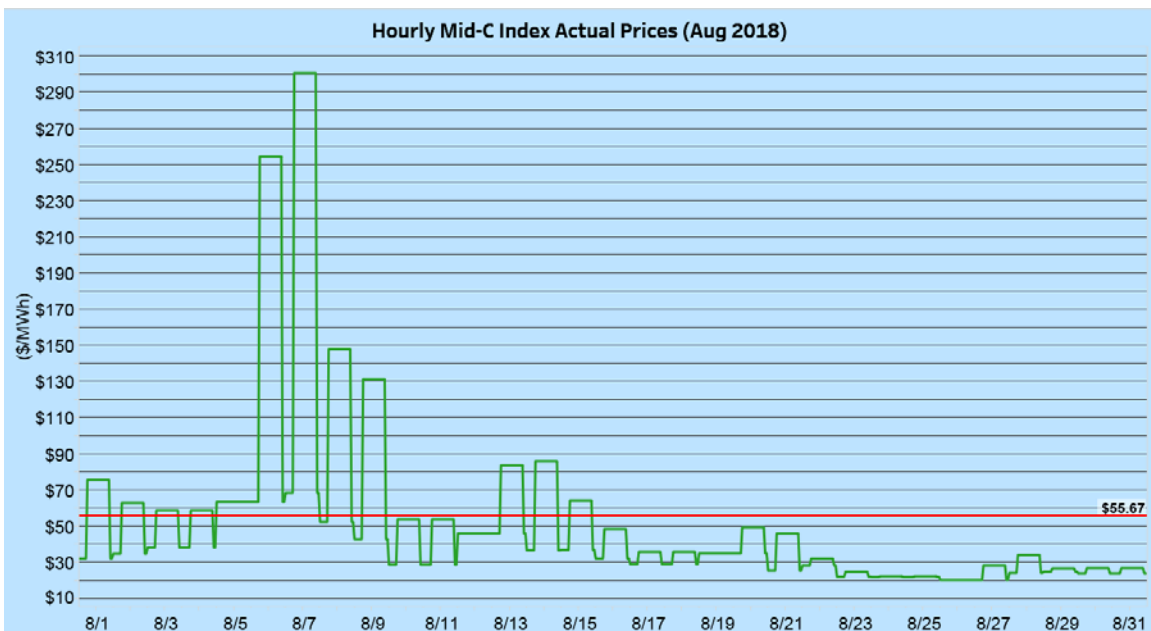
## PNGC Peak

The graph below shows PNGC Peak for the past 5 years



## Mid-C Pricing

The graph below shows Mid-C Pricing for the month of August 2018



## BPA Happenings

|          |  |
|----------|--|
| Sept. 26 | BP-20 Rate Case Workshop                 |
| Sept. 27 | Brown Bag: Implementation Manual Updates |
| Oct. 11  | BPA EIM Stakeholder Meeting              |

## Upcoming PNGC Events

|          |                           |
|----------|---------------------------|
| Oct. 1-2 | PNGC Power Annual Meeting |
| Nov. 6   | PNGC Board Meeting        |



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### About PNGC Power:

*PNGC Power is a Portland-based electric generation and transmission (G & T) cooperative owned by 15 Northwest electric distribution cooperative utilities with service territory in seven western states (Oregon, Washington, Idaho, Montana, Utah, Nevada and Wyoming). The company creates value for its member systems by providing power supply, transmission, and other management services. PNGC Power is an aggregator of geographically diverse loads in the region.*