NORTH CAROLINA
PUBLIC STAFF
UTILITIES COMMISSION

May 24, 2019

Ms. M. Lynn Jarvis, Chief Clerk
North Carolina Utilities Commission
4325 Mail Service Center
Raleigh, North Carolina 27699-4325

Re: Correction to Public Staff's Comments on DEC/DEP IRPs and IOUs' REPS Compliance Plans - Docket No. E-100, Sub 157

Dear Ms. Jarvis:

On March 7, 2019, the Public Staff filed Comments in the above referenced docket. The Public Staff has identified inadvertent errors on page 87 of the Comments. A corrected version of the page is attached for inclusion the Public Staff's comments. The page has been revised as follows:

- Figure 7 has been revised to relabel 'Series 1' and 'Series 2' as 'DEC' and 'DEP', and the X axis was relabeled.

We apologize for any inconvenience this may have caused. By copy of this letter, I am forwarding a copy to all parties of record.

Sincerely,

Electronically Submitted
/s/ Tim R. Dodge
Staff Attorney
tim.dodge@psncuc.nc.gov

Attachment

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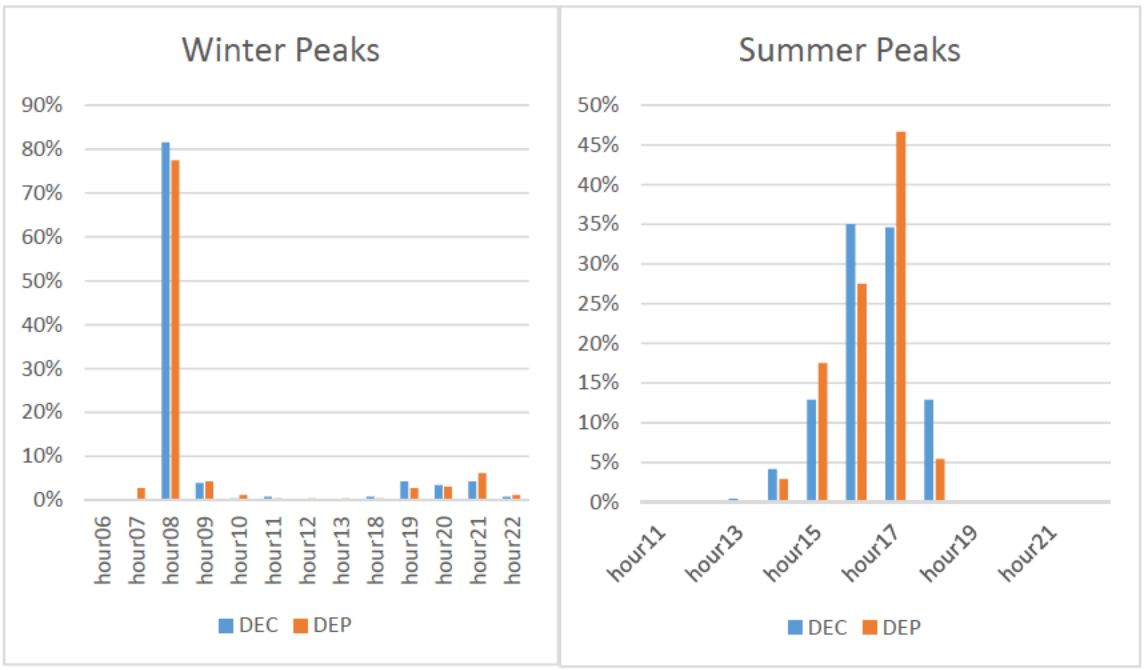
in discovery. The top 20 seasonal daily loads were identified for each year, and the results are used to build a probability distribution as presented below in Figure 7: Location of Top 20 Annual Peaks, 2006-2018 for DEC and DEP. The results indicate that over 80% of historical winter peaks occurred in the hour ending 8:00 a.m. (HE8), with approximately 5% of historical winter peaks occurring in HE9 and 0% occurring in HE7.

Figure 7: Location of Top 20 Annual Peaks, 2006-2018, for DEC and DEP



Second, the intermittent resource's production curve and output during Peak Load Hours is analyzed. The Public Staff analyzed the hourly output of 20 utility-scale solar sites, as well as modeled solar output profiles provided during discovery, to determine the average output as a percentage of nameplate capacity (MWac) during the winter months (December, January, and February), at the hours most likely to be Peak Load Hours. The results are presented in Table 10: Solar Output during Peak Load Hours below.