

Transmission Usage Update

December 16, 2020

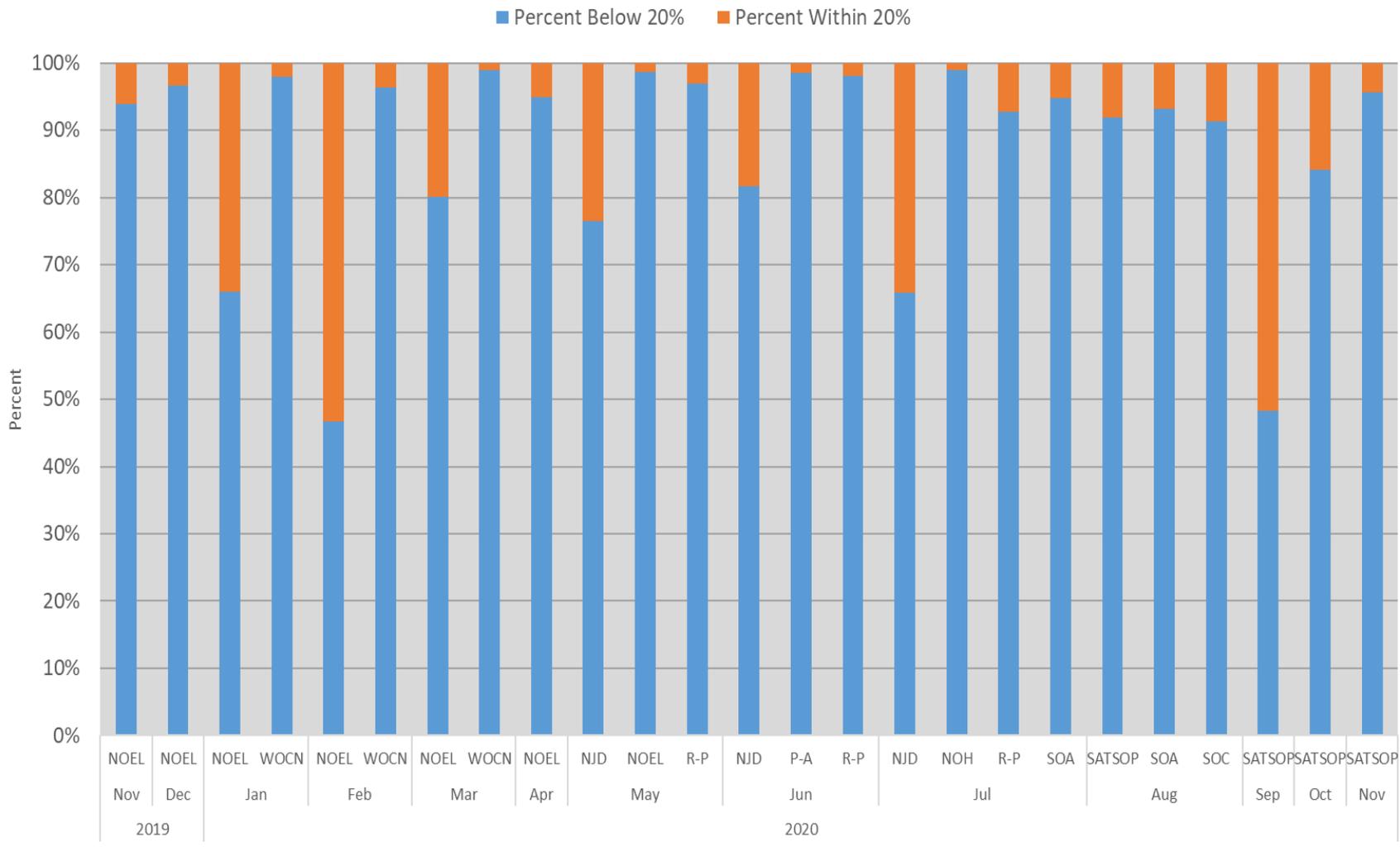


Objective

BPA is providing the following Transmission Usage Data:

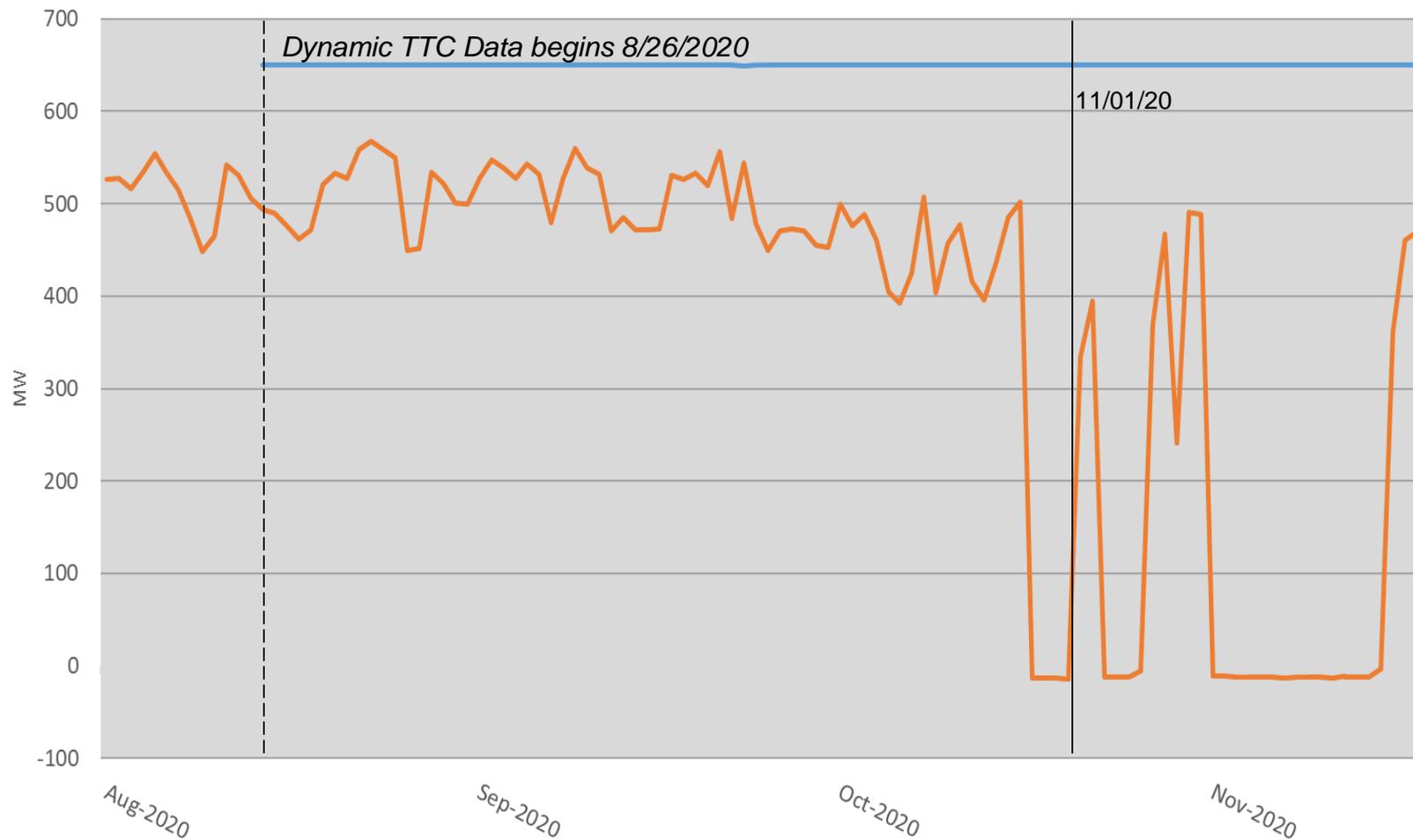
- Congestion data from the previous 3 months (September - November)
- Flows on Satsop Injection, North of Echo Lake (NOEL) and South of Custer (SOC)
- Details of a Satsop Non-Firm curtailment

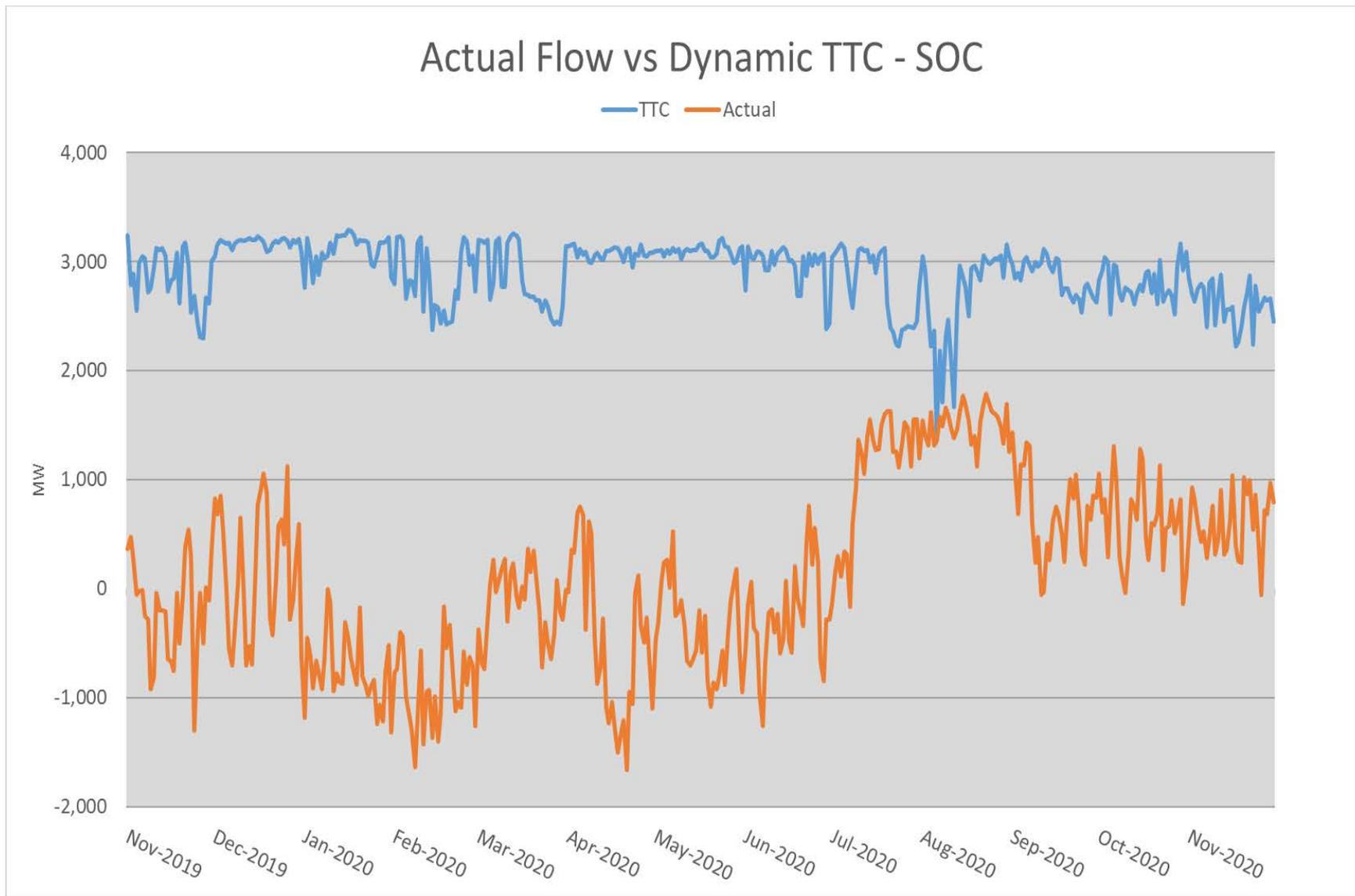
Actual Flows Within 20% of Dynamic TTC

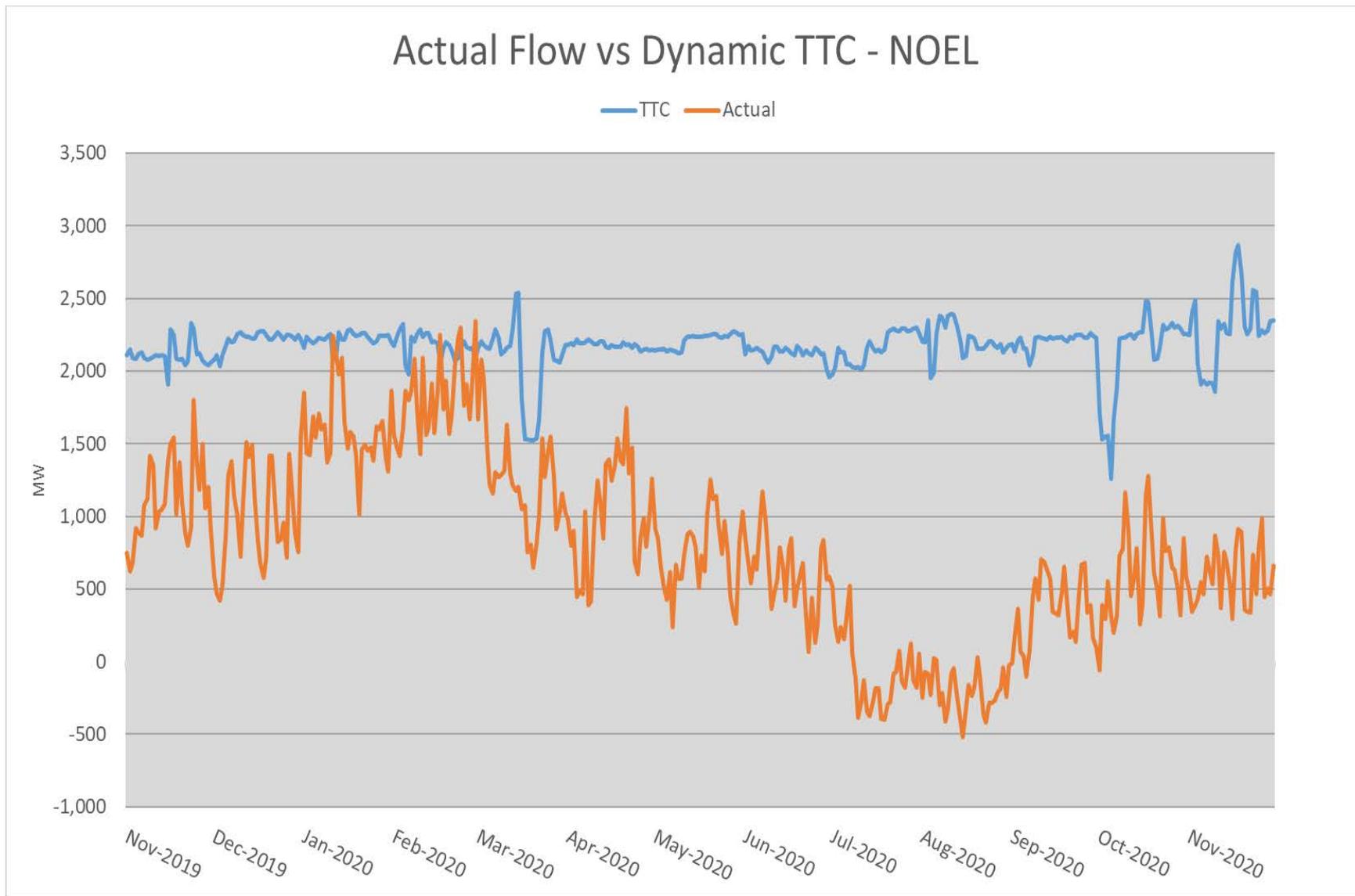


Actual Flows vs. Dynamic TTC - Satsop

TTC Actual







System Event Details

Curtailments:	1 (on Satsop [0 on SOC and NOEL Flowgates])
TLR Avoidance Events (15 min segments):	0 (TLR Avoidance Events)
Refused TSRs due to TLR Avoidance:	0 (Refused TSRs due to TLR Avoidance)
Planned Outages:	1 (Detailed on following slide)
Percentage of hours where actual flows were within 20% of TTC:	1.76% - System-wide (22.21% across Satsop Flowgate) (9.65% across NOEL Flowgate) (0.74% across SOC Flowgate)

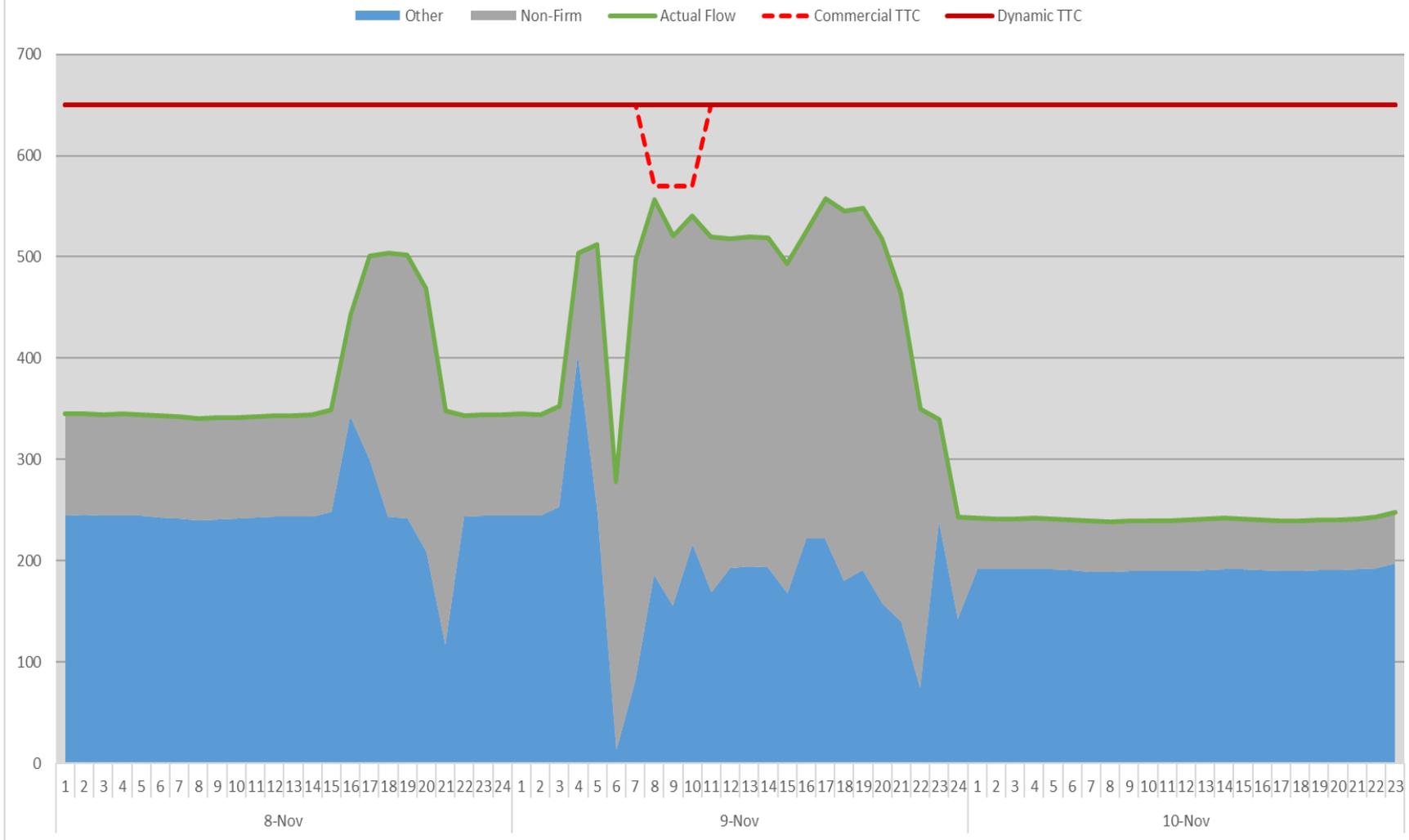
Satsop Injection Outage Summary

TTC (MW)	TTC Variance (MW)	Annotation	Start	Stop
650	-	SATSOP - All Lines in Service (Year Round)	2020-09-16 12:00:00 PD	2021-12-01 00:00:00 PS
570	-80	BPA - SATSOP-SHELTON 1 230kV LINE	2020-11-09 07:00:00 PS	2020-11-09 15:00:00 PS

Dispatcher Actions

- HE 8 Curtailment due to schedules exceeding the reduced TTC for the hour.
- HE 9 &10 No curtailments as schedules did not exceed reduced TTC
- 9:09 Outage was canceled and TTC reset to 650 MW

SATSOP - Product Usage and Dynamic TTC



Wrap Up

- See additional transmission data at the TC-20 Hourly Firm page:

<https://www.bpa.gov/transmission/CustomerInvolvement/TC20Implementation/HourlyFirm/Pages/default.aspx>

- Please send Questions/Comments to techforum@bpa.gov, with a copy to your Account Executive