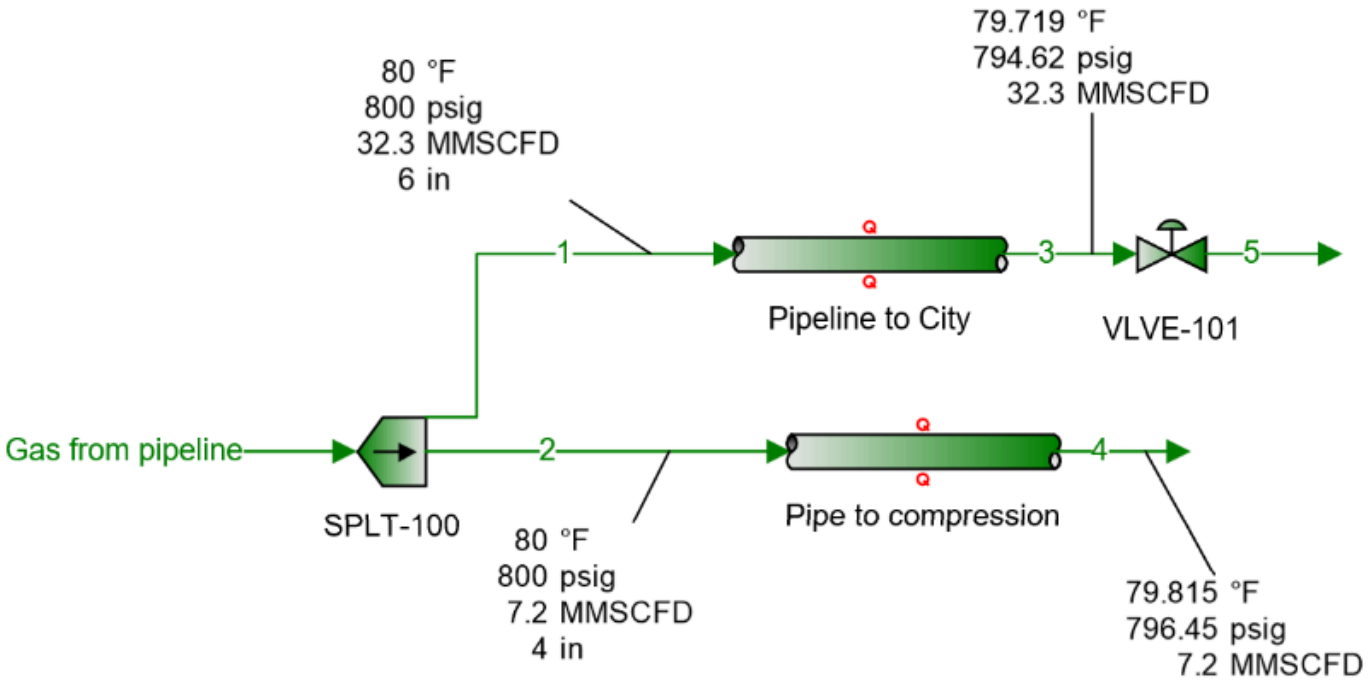
From: "Brandon Seale" <Brandon.Seale@voltagrid.com>
To: "Will Whittington" <william.w@sfrdc.com>, "mjewell@cityofcovington.org" <mjewell@cityofcovington.org>, "David Bell" <david.bell@voltagrid.com>, "Chris Coan" <ccoan@gasauthority.com>, "Rodney Dill" <rdill@gasauthority.com>, "Rob Leigh" <rleigh@cityofcovington.org>, "Scott Tolleson" <sstolleson@gasauthority.com>, "Jason Volk" <jason.v@sfrdc.com>, "greg.f@sfrdc.com" <greg.f@sfrdc.com>, "Rusty Hough" <rhough@gasauthority.com>
Subject: RE: Serverfarm - City of Covington Gas
Date: Fri, 22 Aug 2025 21:26:06 -0000
Importance: Normal
Inline-Images: image001.png; image002.png; image003.png; image004.png; image005.png

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In case it's helpful for pushing on Transco, we ran some hydraulic scenarios in Promax. It looks like a 4" tap coming off an 800# Transco line should be able to deliver 1300 mcf/hr to the city meter + 300 mcf/hr to a peaking facility, under the below assumptions/arrangement. The sooner we could swedge up to 6" after the 4" Transco tap, the better obviously.

Superficial Gas Velocity	85.1323	ft/s
Superficial Liquid Velocity	0.0683336	ft/s
Superficial Heavy Liquid Velocity		ft/s
Mixture Velocity	85.2007	ft/s
Normal Vapor Velocity		ft/s
Mixture Velocity Head	21865.5	lb/(ft*s^2)
Sonic Velocity and Mach Number		
Sonic Velocity Correlation	Wallis	
Sonic Velocity	1295.73	ft/s
Mach Number	0.0657551	
Erosional Velocity		
API RP 14E Constant C	100	(ft/s)*(lb/ft^3)^0.5
Sand/Fluid Mass Flow Ratio		ppm
Erosional Velocity	57.6186	ft/s



From: Will Whittington <william.w@sfrdc.com>
Sent: Wednesday, August 20, 2025 7:52 PM
To: mjewell@cityofcovington.org; David Bell <david.bell@voltagrid.com>; Chris Coan <ccoan@gasauthority.com>; Rodney Dill

<rdill@gasauthority.com>; Rob Leigh <rleigh@cityofcovington.org>; Brandon Seale <Brandon.Seale@voltagrid.com>; Scott Tolleson <sstolleson@gasauthority.com>; Jason Volk <jason.v@sfrdc.com>; greg.f@sfrdc.com; Rusty Hough <rhough@gasauthority.com>
Subject: Re: Serverfarm - City of Covington Gas

Hi all,

Thank you all for the time today. I really appreciate the open and collaborative discussion.

Below are the notes and action items I captured from our discussion.

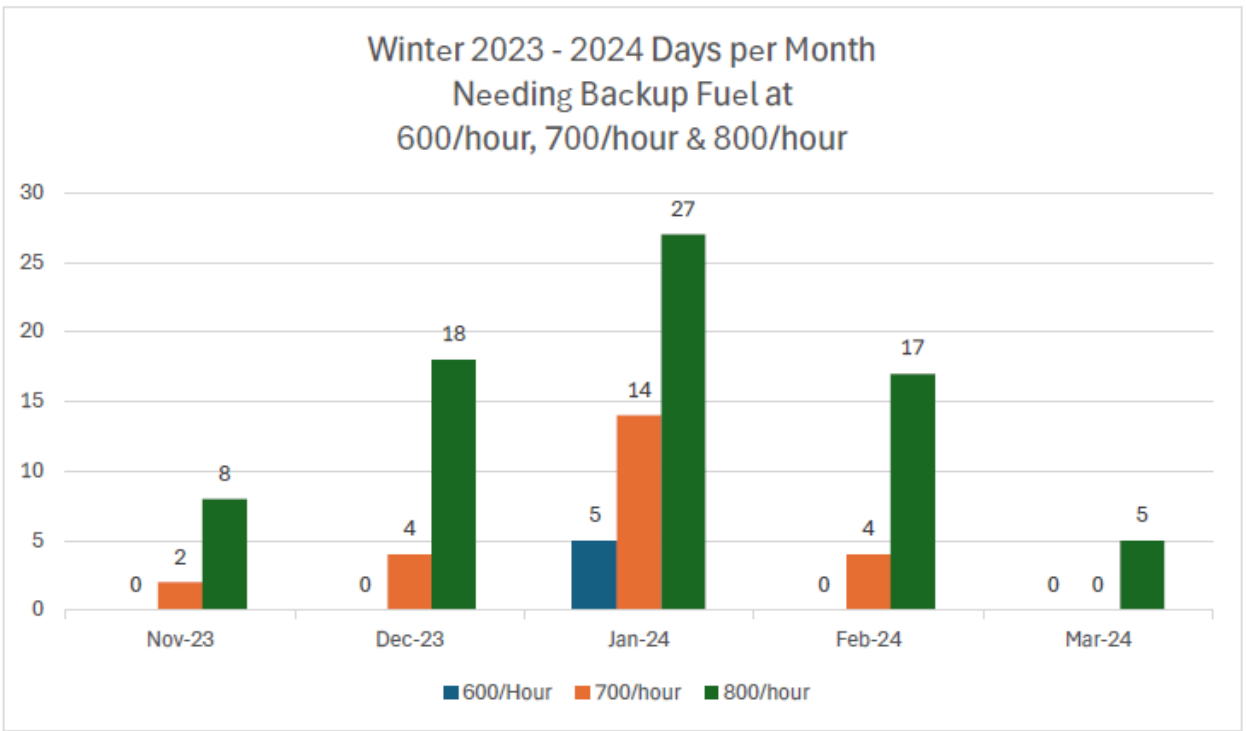
I've also included the peak volume gap days analysis below for reference (thanks, Rusty!). Based on this analysis, the overall risk is small, but it is still present. We'll need to have clear and well-prepared mitigation plans in place.

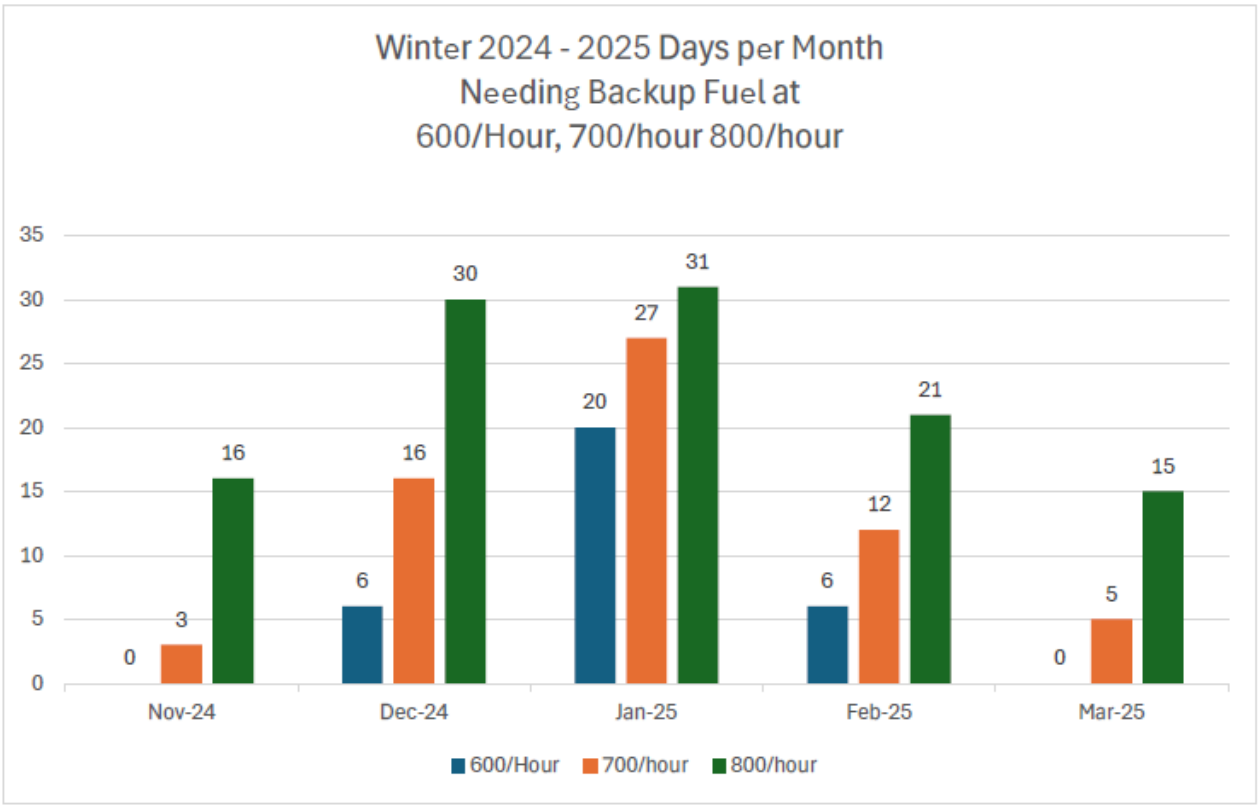
Key actions include closely tracking the Transco meter tap progression. We will need some clarity asap to assure the mitigation plan will work. Brandon and I will also begin drafting the peak mitigation playbook and plan to review it with the group next week.

Thanks,

Will

Action Item	Owner	Next Step
Draft reimbursement agreement for engineering study	Rusty & Mike	Circulate draft for review
Develop CNG mitigation playbook (trucks, staging, land). Document plan to address largest gap on record.	Brandon, Will	Model truck count and staging needs
Evaluate parcels for CNG yard staging	Jason	Triangle shaped parcel across the road will work great.
Track Transco meter/tap review request (submitted Aug 14)	Rusty, Mike, Brandon	Await October feedback; Brandon to seek informal input
Finalize delivered gas supply agreement	Rusty, Mike	Vet with city attorney





Will Whittington
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