



TRANSWESTERN PIPELINE COMPANY

AN ENERGY TRANSFER COMPANY

Winter Preparedness Update
Arizona Corporation Commission

November 8, 2018





INTERSTATE PIPELINE ASSETS

	PEPL	TGC	TW	FGT	SR	FEP	Tiger	MEP	Gulf States	Rover	Total
Miles of Pipeline	5,980	2,220	2,570	5,360	830	185	195	500	10	713	18,563
Capacity (Bcf/d)	2.8	0.9	2.1	3.1	2.0	2.0	2.4	1.8	0.1	3.3	20.5
Owned Storage (Bcf)	83.9	13	--	--	--	--	--	--	--	--	96.9
Ownership	100%	100%	100%	50%	100%	50%	100%	50%	100%	32.6%	



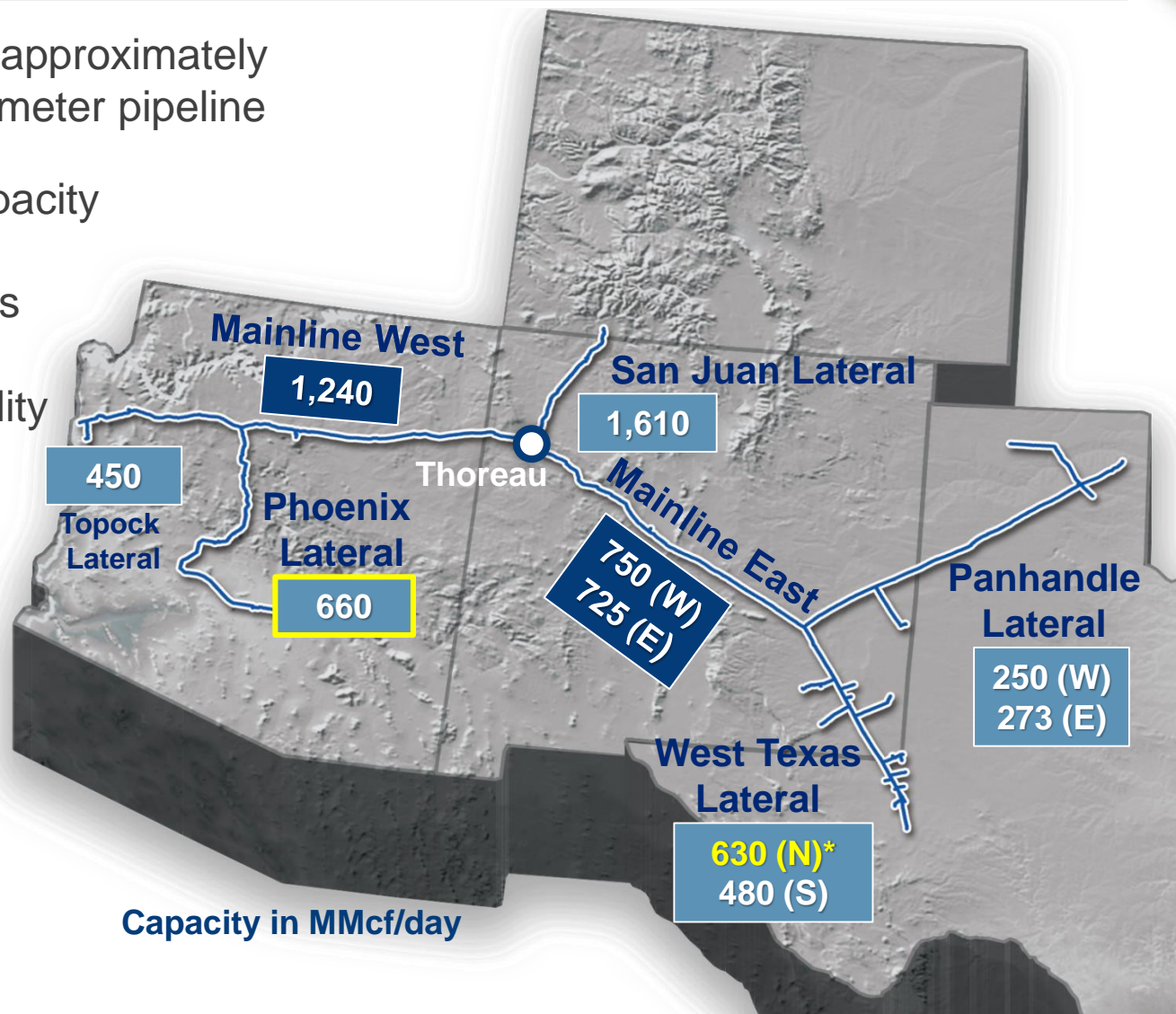
~18,600 miles of interstate pipelines with ~21Bcf/d of capacity currently in-service



TRANSWESTERN PIPELINE SYSTEM OVERVIEW

The system consists of approximately 2,600 miles of large diameter pipeline

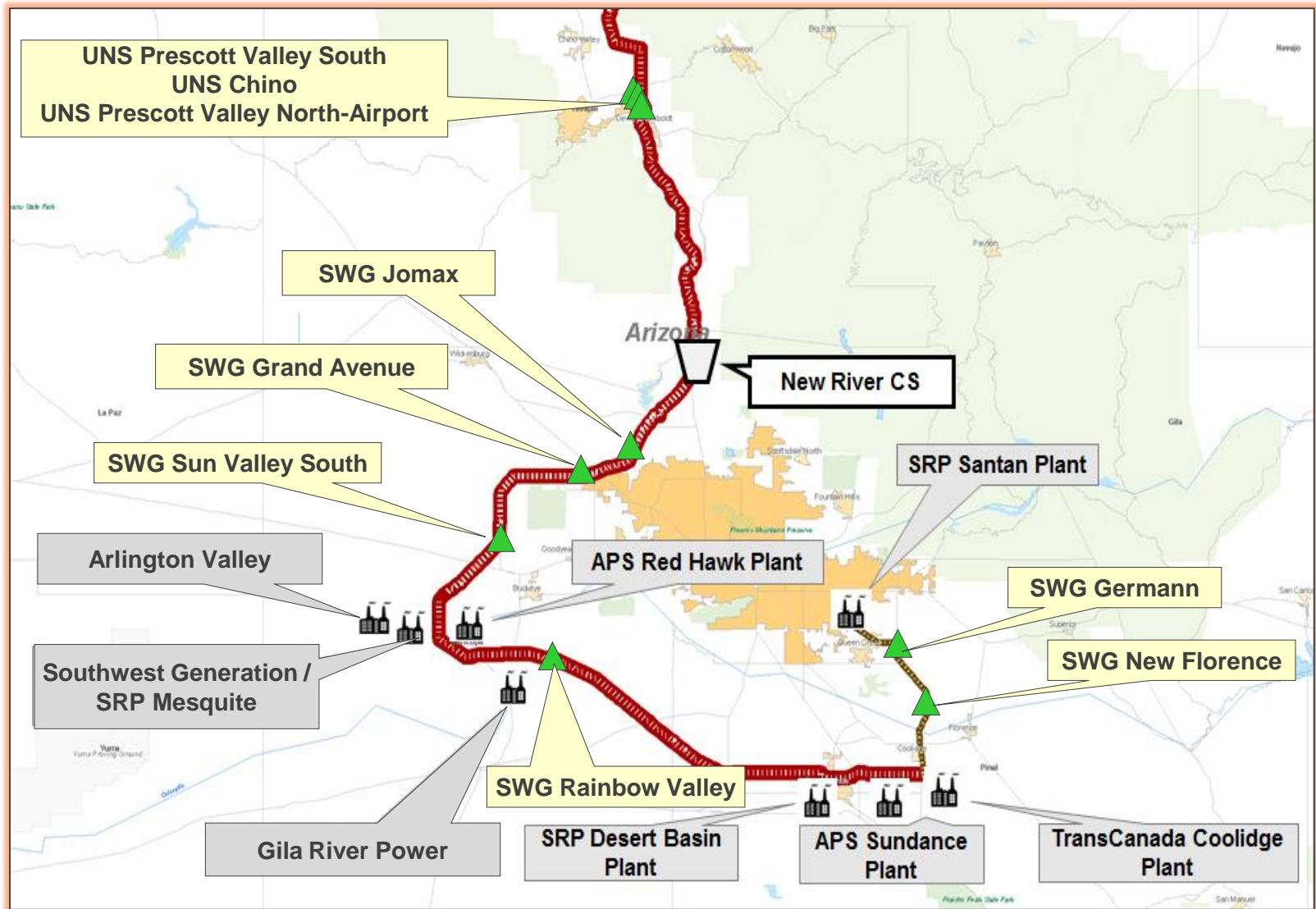
- ~ 2.1 Bcf/d delivery capacity
- ~ Multiple supply basins
- ~ Bi-directional Capability
- ~ 344,000 horsepower
- ~ 250 interconnects



*beginning May 1, 2018

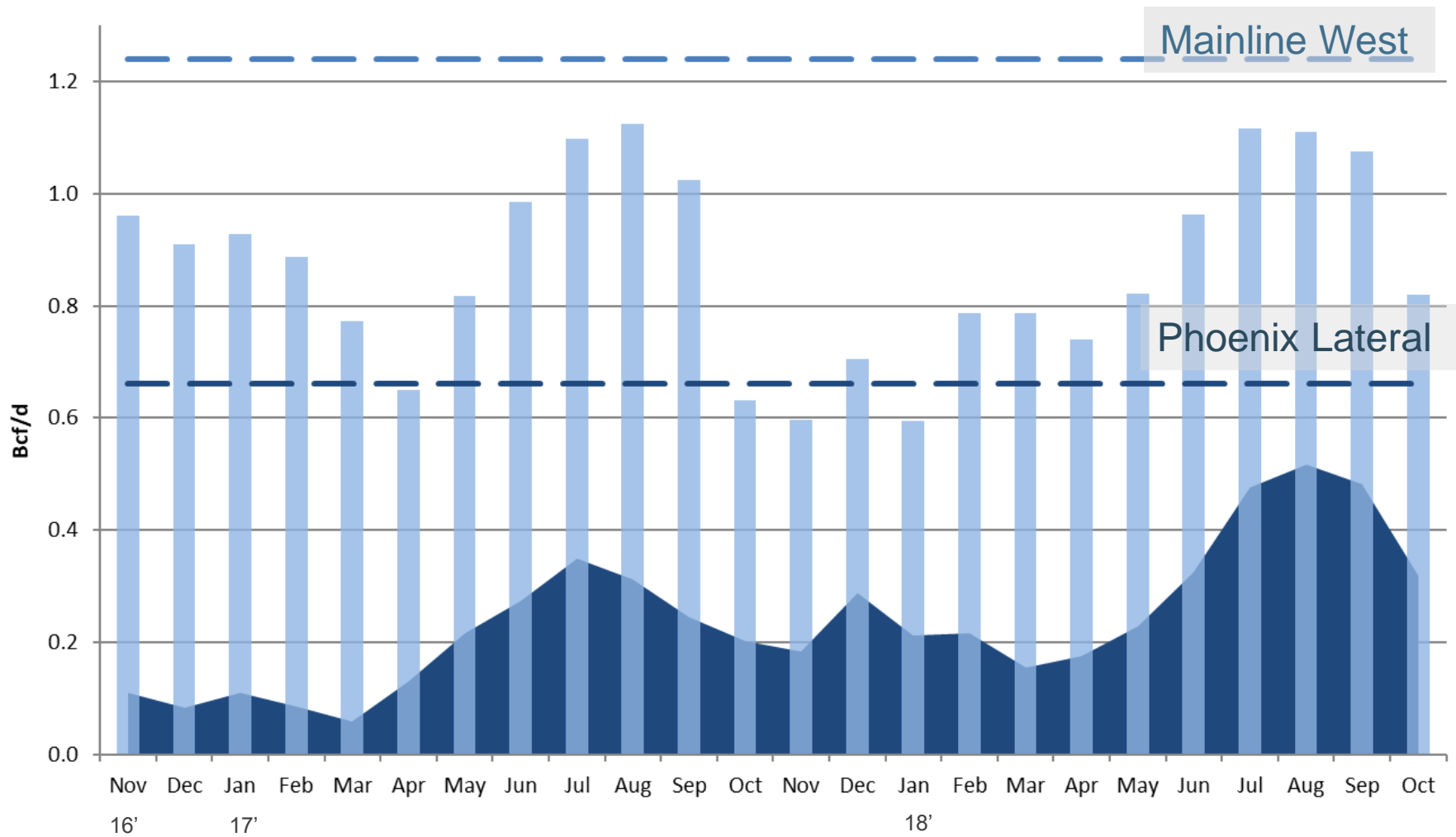


TRANSWESTERN PHOENIX LATERAL





WEST MAINLINE AND PHOENIX DELIVERIES





MAINTENANCE UPDATE

- **Spring 2018 Maintenance Complete**
 - Western Mainline: Semi-Annual Maintenance
 - San Juan Lateral: Semi-Annual & Annual Maintenance
 - New River CS Annual Maintenance
 - Phoenix Lateral: Routine meter station maintenance
 - Phoenix Lateral: Cleaning Pig Runs and ILI Tool runs
 - ILI Pig Run from Kingman to Needles

- **Fall 2018 Maintenance Complete**
 - October 2018
 - Western Mainline: Semi-Annual Maintenance
 - Phoenix Lateral: Routine meter station inspection maintenance



IN-LINE INSPECTION (SMART PIGGING)

Phoenix Lateral: 42 inch ILI Tool





WINTER 2018 PREPARATIONS

- **Local Area First Responder Meetings**
 - Police, Fire Departments, Local Officials
 - Various locations
 - September 2018
- **UNS Winter Preparedness Meeting**
 - Occurred on September 18th, 2018
- **SWG Winter Preparedness Meeting**
 - Occurred on October 23th, 2018



WINTER 2018 PREPAREDNESS

- Local and Offsite Business Continuity Plan (BCP) Facilities tested and ready
 - Gas Control
 - Scheduling & Contracts
 - Gas control support staff
- EBB Notifications -- <http://twtransfer.energytransfer.com>
- Critical notices posted and emailed to operators and shippers
- 24 Hour Emergency hotline phone number – (866) 999-8975
- Public Affairs media phone number – (214) 599-8755



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