

TPM Replacement Project

**Joint CCPG-SSPG-SWAT Meeting
Tom Kansier, MAPPCOR**

August 17, 2011

Replacing the TPM

- Transmission Plan Project List Workbook (TPPL) will replace the Transmission Plan Management application developed by previous contractor
- No third party vendor involved
- Master project list maintained by MAPPCOR
- Start from existing TPM project list

TPPL Features

- MS Excel program rather than on-line database application
- Projects Sponsors will need to retrieve TPPL from secured site on WestConnect website
- TPPL uses filtering capabilities of Excel
- Print Report pages of all or single projects (same report style as currently in the WC Transmission Plan)

WC TP Project List 20110802.xlsm - Microsoft Excel									
	B	C	D	E	F	G	H	I	
1	Sponsor	ProjectName	Description	Purpose	Developme	PlanType	Voltage	Rating	
130	Tri-State Generation and Transmission Association	Shiprock - SW Colorado (Iron Horse) 230 kV Pro	Construct 230 kV transmission from Shiprock Subst	To serve approximately	Planned	Transmission Line	230 kV	600MVA	
270	Tri-State Generation and Transmission Association	Burlington - Wray 230kV Line	Construct new 230kV line from the existing Burling	Improve load-serving c	Planned	Transmission Line	230 kV		
271	Tri-State Generation and Transmission Association	Big Sandy - Lincoln - Midway 230kV Line Uprate	Modify existing line for maximum thermal operati	Strengthen structures t	Planned	Transmission Line	230 kV		
272	Tri-State Generation and Transmission Association	Arrow Transmission Project	Construct new Arrow 345/230kV Substation tapping	Increase power deliver	Planned	Transmission Line	345 kV		
353	Tri-State Generation and Transmission Association	Big Sandy - Calhan 230 kV	Construct 230 kV line from Big Sandy to Calhan	Support Member load	Planned	Transmission Line	230 kV	600 MVA	
415	Tri-State Generation and Transmission Association	Promontory Park Substation	New Substation; 2-230kV Bkrs; 230/115kV, 250 MVA	Load Service	Planned	Substation	230 kV	250 MVA	
416	Tri-State Generation and Transmission Association	Calhan 230kV Sub Expansion	(3) 230kV CB's & DS's, (2) 200 MVA 230-115kV T's; (3)	Load Service	Planned	Substation	230 kV	(2)200 M	
417	Tri-State Generation and Transmission Association	Gladstone 230kV Phase Shifting XFMR	250 MVA Phase Shifting Transformer	Reliability	Planned	Transformer	230 kV	~250 MV	
418	Tri-State Generation and Transmission Association	MBPP West Side 345/230kV Spare XFMR	Spare transformer to be located at Laramie River S	Reliability and Load Se	Planned	Transformer	345 kV	~600 MV	
419	Tri-State Generation and Transmission Association	Calumet-Walsenburg 230 kV	Convert single ckt 230 kV line to double circuit, wit	Reliability - part of the	Planned	Transmission Line	230 kV		
420	Tri-State Generation and Transmission Association	Lamar-Front Range Project	HV Transmission interconnecting Lamar, Comanchi	Support new generatio	Planned	Transmission Line	345 kV		
421	Tri-State Generation and Transmission Association	Promontory Park-Weld 230kV Line	5 mi 230kV 1272 Dbl Cir; .6 mi 115kV 795 Dbl Cir; 1.3	Reliability	Planned	Transmission Line	230 kV	612 MVA	
422	Tri-State Generation and Transmission Association	Sidney-Peetz Logan 230kV Line	Construct Peetz Logan-Sidney 230kV, 19 mi Line, ins	Reliability	Planned	Transmission Line	230 kV	612 MVA	
423	Tri-State Generation and Transmission Association	Story 230kV Dbl-Ckt Tie-In to Pawnee-Peetz Log	Construct 230kV, 3.25 mi line; dbl-ckt, in-out; instal	Reliability	Planned	Transmission Line	230 kV	612 MVA	
424	Tri-State Generation and Transmission Association	Santa Rosa-Gladstone 230kV Tie Line	85 mi 1272 ACSR 230kV Line, 200MVA 345/230kV XFM	Increase TTC, support l	Planned	Transmission Line	230 kV	612 MVA	
425	Tri-State Generation and Transmission Association	Richard Lake-Waverly 115kV Project	Construct 115 kV line to PVREA loads presently ser	Provide 115 kV service t	Planned	Transmission Line	115 kV		
426	Tri-State Generation and Transmission Association	United Power Sys Improve Project - Ph III	5 MI 115kV Line; 1-115kV Bkr @ Prairie Center	Provide transmission s	Planned	Transmission Line	115 kV		
427	Tri-State Generation and Transmission Association	Plaza-Waverly 115kV Loop Project	Rebuild the existing 69 kV Waverly-Plaza line to 11	Provide improved trans	Planned	Transmission Line	115 kV		
428	Tri-State Generation and Transmission Association	Nucla-Telluride 115kV Project	New 115 kV transmission line from Nucla Generati	Provide a second trans	Planned	Transmission Line	115 kV		
429	Tri-State Generation and Transmission Association	Delta Cnty 115kV Trans Line Improve Project	115 kV transmission line from Starr Nelson to Dou	Provide bi-directional t	Planned	Transmission Line	115 kV		
430	Tri-State Generation and Transmission Association	Escalante-Gallup 115kV Line Uprate	Uprate line for 100° C operation	Increase conductor the	Planned	Transmission Line	115 kV		
431	Tri-State Generation and Transmission Association	Falcon-Midway 115kV Line Uprate	Uprate 477 ACSR line for 75°C operation.	Increase conductor the	Planned	Transmission Line	115 kV		
432	Tri-State Generation and Transmission Association	Falcon-Paddock 69>115kV Line Rebuild	Rebuild 115kV single wood poles, 795, 100°C; Ex RO	Upgrade line for 115kV	Planned	Transmission Line	115 kV		
433	Tri-State Generation and Transmission Association	East Montrose-So Canal 115kV Line & Breaker	Construct 115kV 477 ACSR (100°) line, 115kV bkrs at	Load serving	Planned	Transmission Line	115 kV		
434	Tri-State Generation and Transmission Association	La Junta (TS) 2nd 115/69kV, 42 MVA XFMR	Add a parallel 42 MVA transformer.	Back-up for a loss of th	Planned	Transformer	115 kV		
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WC TP Project List 20110802.xlsm - Microsoft Excel

	A	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	WESTCONNECT PLAN PROJECT DATA SHEET														
2															
3	WestConnect Project ID:	2018-656													
4	Project Name:	Santa Rosa-Gladstone 230kV Tie Line													
5	Project Sponsor (Entity):	Tri-State Generation and Transmission Association													
6															
7															
8	General Information														
9	Project Description:	85 mi 1272 ACSR 230kV Line, 200MVA 345/230kV XFMR, 50 MVA 230/115 XFMR, 7-230kV OCB's													
10	Project Purpose:	Increase TTC, support loads in northeast New Mexico													
11	Additional Project Participants:														
12	Project Voltage:	230 kV													
13	Facilities Rating:	612 MVA													
14	Subregional Planning Group(s):	SWAT													
15															
16	Routing														
17	Project Origin Point/Location:	Gladstone													
18	Project Intermediate Point(s):														
19	Project Termination Point:	Santa Rosa													
20	Project Routing:														
21	Project Length (Miles):	85													
22	Project Seam Info:														
23															
24	Project Details														
25	Project Construction Start (Year):	2014													
26	Project In-Service (Year):	2018													
27	Plan Type:	Transmission Line													
28	State(s) Traversed:														
29	Project Estimated Cost(2010 \$):	\$92,660,000													
30															
31	Project Status														
32	Project Development Status:	Planned													
33	Has Project Been Submitted As Part of Regulatory Filing?														
34															
35	Has Project Undergone Permitting?														
36															
37	Does the Project Have a Formal Commitment to Participate & Construct?														
38															
39	Additional Information														
40	Project Contact (Name):	Mark Stout													
41	Project Phone:	(303) 254-3412													
42	Project Email:	mstout@tristategt.org													
43	Project Website:														
44															
45	Date Last Modified	7/5/2011 9:16													
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1	Tri-State Generation and Transmission Association											
2	2010-2019 Transmission Plan											
3												
4	Santa Rosa-Gladstone 230kV Tie Line											
5												
6												
7	Project Sponsor:	Tri-State Generation and Transmission Association										
8	Additional Project Participants:											
9	Project Description:	85 mi 1272 ACSR 230kV Line, 200MVA 345/230kV XFMR, 50 MVA 230/115 XFMR, 7-230kV OCB's										
10												
11	Voltage Class:	230 kV										
12	Facility Rating:	612 MVA										
13	Point of Origin/Location:	Gladstone										
14	Point of Termination:	Santa Rosa										
15	Intermediate Points:											
16	Length of Line (in Miles):	85										
17	Type of Project:	Transmission Line										
18	Development Status:	Planned										
19	Routing:											
20	Subregional Planning Group:	SWAT										
21												
22	Purpose of Project:	Increase TTC, support loads in northeast New Mexico										
23												
24	Estimated Cost (in 2010 Dollars):	\$92,660,000										
25												
26	Schedule:											
27												
28	Construction Date:	2014										
29	Planned In-Service Date:	2018										
30	Regulatory Info:											
31	Regulatory Date:											
32	Permitting Info:											
33	Permitting Date:											
34												
35	Contact Information:	Mark Stout										
36		mstout@tristategt.org										
37		(303) 254-3412										
38												
39												
40	WestConnect Project ID:	2018-656										
41												
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Print Current

Print All Selected
Projects on All
Project Sheet

TPPL Transition Timeline

- Program Rollout August 17
- Available on website September 1
- Sponsor Testing thru September 28
- TPM Shutdown October 1
- Demo Webcast week of October 24th
- Add/Update projects for
2012 WC Transmission Plan Nov-Dec