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June 29, 2011

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Arizona Corporation Commission  
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AZ CORP COMMISSION  
DOCKET CONTROL

Docket Control  
Arizona Corporation Commission  
1200 West Washington  
Phoenix, AZ 85007

DOCKETED BY

RE: Docket No. E-00000D-09-0020

To Docket Control:

Enclosed is a Progress Report filed by Southwest Transmission Cooperative, Inc. (SWTC) on behalf of itself, Arizona Public Service Company (APS), Tucson Electric Power Company (TEP) and Sulphur Springs Valley Electric Cooperative, Inc. (SSVEC), as required by Decision No. 72031 of the 6<sup>th</sup> BTA, which states:

7. e. 1) "SWTC, APS, Tucson Electric Power Company (TEP) and Sulphur Springs Valley Electric Cooperative (SSVEC) shall jointly complete additional actions and file specified information relative to the Cochise County Study Group plan of service with the Commission as follows:

- i) By June 30, 2011, identify the components of the plan in a facilities report that provide the most benefit to customer reliability and can be implemented in the shortest timeframe, and file a progress report with the Commission that includes planned in-service dates for all relevant elements of the plan reflecting these priorities."

I have enclosed an original of this document, along with thirteen copies.

Sincerely,

Jacquelyn Cook  
Director of Planning and Business Development

Enc.

c/Vincent Thor (APS)  
David Bryan (SSVEC)  
Ron Belval (TEP)  
Jim Burson

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In response to the ACC Order 72031 Section 7-e-1-i; due June 30, 2011, states that:

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*“SWTC, APS, Tucson Electric Power Company (“TEP”) and Sulphur Springs Valley Electric Cooperative (“SSVEC”) shall jointly complete additional options and file specified information related to the Cochise County Study Group plan of service with the Commission as follows:*

*By June 30, 2011, identify the components of the plan in a facilities report that provide the most benefit to customer reliability and can be implemented in the shortest timeframe, and file a progress report with the Commission that includes planned in-service dates for all relevant elements of the plan reflecting these priorities.*

*By September 30, 2011, submit a progress report including in-service dates for the components of the plan of service identified in the June 30, 2011, facilities study. This schedule shall reflect the most recent load forecast.”*

The Cochise County Study Group has continued to meet and study the issues requested by the ACC. We are pleased to report:

- 1) A list of projects that were identified in the 2009 technical report, with “planning level” estimates of costs and construction schedules is shown as Table 1 Facilities Evaluation. The construction schedule, reflecting the 2011 load forecast is to be provided by September 30, 2011.
- 2) The group has identified projects from Table 1 to be studied in more detail to determine suitability for a “short list” of projects that can be implemented in the shortest time-frame. The potential projects identified are staged into three levels of improvement.
  - a. Level 1:
    - i. Build new SSVEC-APS Palominas 69kV tieline. Project to be evaluated for an in-service date within the near term (1-5-years).
    - ii. Add 2<sup>nd</sup> transformer at SWTC San Rafael substation. Project to be evaluated for an in-service date within the near term (1-5 years).
    - iii. Build SWTC Kartchner to SSVEC Buffalo Soldier 69kV subtransmission line and substation. Project to be evaluated for an in-service date within the near term (1-5 years).
    - iv. Upgrade APS Mural-Don Luis 69kV subtransmission line. Project to be evaluated for an in-service date within the near term (1-5 years).
    - v. Add 69kV capacitors in the area. Project to be evaluated for an in-service date within the near term (1-5 years).
  - b. Level 2:
    - i. Add Charleston Junction-Tombstone Junction Upgrade, Kartchner-Keating Upgrade to Level 1 improvements

TABLE 1

**Cochise County Study Group  
Facilities Evaluation**

Project ID	Description of Construction Element	Entity	Total Time Estimate (mo.)	2011 Estimated Cost
1	Kartchner-Buffalo Soldier 69 kV New	SSVEC	36	\$13,850,000
2	Hereford -Palominas 69 kV Tie New (2 mi.)	SSVEC	26	\$950,000
3	Ft. Huachuca -Buffalo Soldier UG 69 kV Line	SSVEC	72	\$4,000,000
4	Webb Substation Improvements	SSVEC	36	\$5,250,000
5	Ramsey 69 kV Sectionalizing Breaker	SSVEC	12	\$550,000
6	Ramsey 69 kV Breaker and Capacitor ( 8 MVAR)	SSVEC	22	\$580,000
7	San Rafeal - Ramsey 69 kV Line Rebuild	SSVEC	34	\$3,968,000
8	Hawes 2-69 kV Sectionalizing Breakers	SSVEC	16	\$1,000,000
9	Hawes 69 kV Breaker and Capacitor (8 MVAR)	SSVEC	30	\$1,000,000
10	Pueblo Substation Breaker and Capacitor	SSVEC	30	\$1,000,000
11	Bella Vista 69 kV GOAB to Double Circuit 69 kV	SSVEC	12	\$100,000
12	Bella Vista 2-69 kV Sectionalizing Breakers	SSVEC	28	\$1,050,000
13	Bella Vista single circuit 69 kV to Double Circuit	SSVEC	22	\$512,000
14	New San Rafeal to Charleston Jct 69 kV Line	SSVEC	54	\$5,331,000
15	Charleston Jct to Tombstone Jct 69 kV Rebuild	SSVEC	45	\$12,062,000
16	Webb - Tombstone Jct 69 kV Line Rebuild	SSVEC	51	\$15,470,000
17	Kansas Settlement - Chiricahua 69 kV Line Rebuild	SSVEC	45	\$9,680,000
18	Replace Chiricahua with Sunizona Substation	SSVEC	24	\$500,000
19	Webb 2-69 kV Breakers & a Cap. (13.2 MVAR)	SSVEC	16	\$1,000,000
20	Webb 1-69 kV Breaker & Cap (6 MVAR)	SSVEC	16	\$500,000
21	Loop Webb - Tombstone 69 kV into Boothill	SSVEC	28	\$550,000
22	Benson 1- 69 kV Breaker & Capacitor (8 MVAR)	SSVEC	22	\$550,000
			<b>Subtotal</b>	<b>\$79,453,000</b>
23	San Pedro Substation Improvements	APS	52	\$1,575,000
24	Palominas Substation Improvements	APS	26	\$750,000
25	Don Luis - Mural 69 kV Upgrade	APS	26	\$1,900,000
26	Boothill Substation Improvements	APS	52	\$8,100,000
			<b>Subtotal</b>	<b>\$12,325,000</b>
27	Kartchner Substation Improvements	SWTC	8	\$696,093
28	San Rafeal Substation Improvements	SWTC	31	\$3,670,910
			<b>Subtotal</b>	<b>\$4,367,003</b>
29	Ft. Huachuca Substation Improvements	TEP	24	\$6,750,000
			<b>Subtotal</b>	<b>\$6,750,000</b>
			<b>Total</b>	<b>\$102,895,003</b>