



Western
Area Power
Administration



10-Year Capital Planning Meeting FY18-FY27 Preview

June 7, 2017

Desert Southwest Region

Desert Southwest Region
Phoenix, Arizona



Meeting Agenda

- Introductions
- Southline Project Update
- 10-Year Plan Process Improvements
- 10-Year Plan Preview
 - Project Updates
 - Proposed FY18-20 Project Starts
- Analysis of Alternatives (AoA) Studies
- FY17 Budget vs. Execution
- Recap New Action Items



Objectives

- Review 10-Year Plan process
- Update customers on active construction projects
- Solicit customer feedback on proposed 10-Year Plan FY18-27
- Solicit customer feedback on next budget formulation year FY20
- Work jointly with customers to identify areas of improvement in 10-Year Plan
- Report FY17 Executions



10-Year Capital Plan Preview June 7, 2017

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Southline Transmission Project



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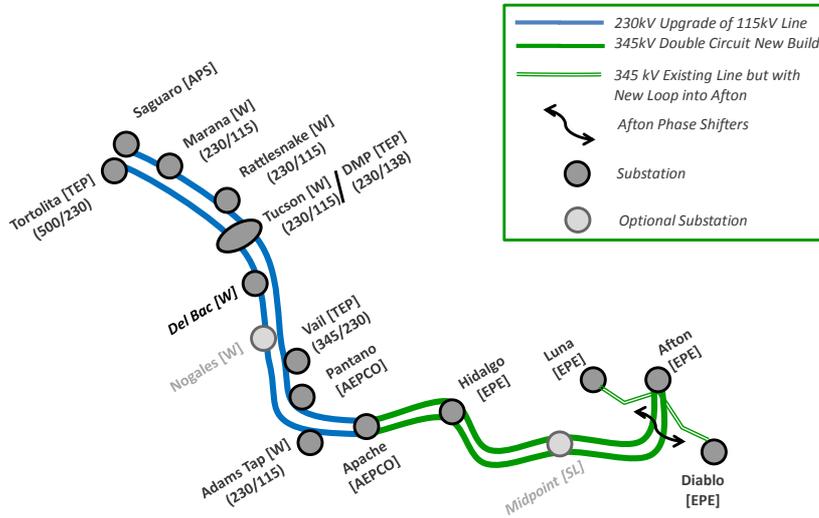
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Background – Project Overview

- Two segments, totaling 370 miles
- New Build – 345kV double-circuit Afton-Apache, 250 miles
 - Upgrade – 230kV double-circuit Apache-Saguaro/Tortolita, 120 miles



Background – Project Overview



Updates Since February 7, 2017

- Received comments from numerous customers
 - Support WAPA's participation in the proposed Southline Transmission Project as described
 - Recognize significant benefits to WAPA customers including improved reliability, increased capacity, and substantial rate mitigation
 - Agree that WAPA's share of New Build capacity should be integrated as P-DP capacity
 - All of WAPA's share of O&M costs belong in the P-DP transmission rate
 - Need more information on firm commitments for Southline's capacity to assess project's economic viability
 - Continue to include customers in the process, appreciate WAPA's efforts
- Executed a Preconstruction Agreement
 - Provides for WAPA support of preconstruction activities (e.g., technical, engineering, environmental)
 - Does not obligate WAPA to participate in project construction
- Negotiating draft Participation Agreement



Participation Agreement Overview

- Term of 40 years from commercial operations date with 20 year renewal available
- WAPA and SL to negotiate "Key Agreements" such as Construction, O&M, Ownership, Lease(s), and Communications & Security agreements
- Establishes an Engineering & Operating Committee
 - Facilitation of the development, construction, and operation of the project
 - Oversight of project budgets, planning, O&M functions
- Budgets – Each key agreement will provide for own budget. Collectively all budgets roll up to a project budget managed by the E&OC
- Termination & Wind-Up – provisions for wind-up under termination scenarios:
 - Prior to construction (based on lack of financing)
 - Termination during 40-year term
 - At natural termination date
- Defaults & Remedies – defines events of default and the remedies available
 - Provides for a WAPA buy-out option of anything SL owns in the upgrade segment



10-Year Plan Process Improvements



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Customer Technical Committee (CTC)

- DSW met with the newly created Customer Technical Committee (CTC) on April 26th, 2017 with the following objectives:
 - Work jointly to develop agreement based upon JPA like principals
 - Provide earlier input into functional area planning and budgets
 - Develop partnership protocols
 - Collaborate to craft solutions that provide the most value to the customers



10-Year Capital Plan Preview June 7, 2017

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Process Improvements

Refer to the following hand outs:

- 10-Year Plan Budget Year Flow Chart
 - Review budgetary flow from budget formulation year to execution year
- 10-Year Plan Process Flow Chart
 - Open discussion on customer engagement and channels for communication
- 10-Year Plan “Seed” Funding Flow Chart
 - Gila Wellton Mohawk I-8 Crossing Rebuild is the first project in the pilot program



10-Year Plan Preview



Project Updates

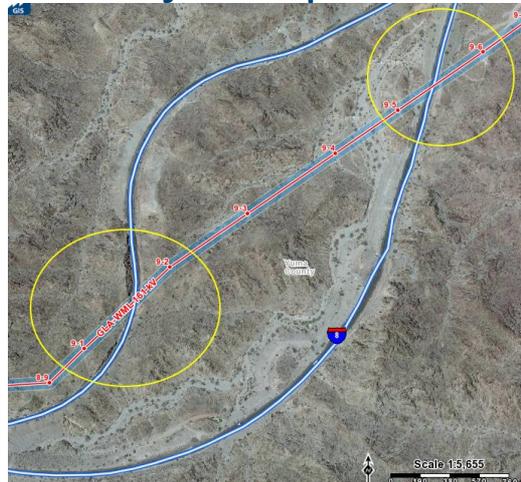
Gila-Wellton Mohawk Interstate-8 Crossing Rebuild

Background

- “Seed Funding” pilot program
- Appropriated funds used for design phase only (inception 50% -75% design)
- Seed funding establishes key design criteria and begins required lands and environmental activities for the purpose of a more detailed scope and cost estimate
- DSW is projected to reach 75% design by August-September 2017
- Benefits of “Seed Funding” program:
 - Utilizes Appropriated dollars to partially fund the project
 - Improved project cost estimates
 - Targeted project energization date for rate analysis



Project Updates



Interstate 8 east and westbound crossings, and “island” containing 4 structures



Project Updates

Gila-Wellton Mohawk Interstate-8 Crossing Rebuild

- AoA Study completed in September 2016
- Rebuild approximately 3 miles of the Gila-Wellton Mohawk 161kV transmission line
- Approximately 10 miles of the 13 mile Gila-Wellton Mohawk transmission line were replaced by WAPA maintenance crews in the last year
- Rebuild using steel structures, OPGW, improved ROW and road access



Project Updates

Gila-Wellton Mohawk Interstate-8 Crossing Rebuild

- Project replaces vintage wood poles due to advanced external shell rot, weathering, and large cracks
- Replaces structures currently without ROW access on the island between eastbound and westbound lanes of Interstate 8
- Also replace structures in rugged terrain with out ROW access
- Mitigates a NERC violation identified on a interstate crossing structure



Project Updates

Gila-Wellton Mohawk Interstate-8 Crossing Rebuild

- DSW will present the details of the project scope and budget in the fall customer meeting for approval of Prepayment funding authority
- Customers will vote on funding the remainder of the design and construction of the project using Prepayment funds



Project Updates

Gila Substation 230kV Rebuild

Background

- Approved for Prepayment funding in FY14
- Received additional Prepayment funds in FY16
- Gila Substation operates at 161kV, 69kV, 34.5kV, and 4.16kV
- All yards except the 4.16kV are configured as main-and-transfer
- Originally constructed in 1949 with expansion of the 34.5kV yard in 1999



Project Updates



Location of new Gila 230kV Substation



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Project Updates

Gila Substation 230kV Rebuild

- This project rebuilds the 161kV yard to 230kV in a breaker and a half configuration
- Substation design is underway and currently at ~75% complete
- DSW is actively working on a water-flow analysis (hydrology report) to confirm significant earth work requirements
- Environmental and Lands related activities are nearly complete



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Project Updates

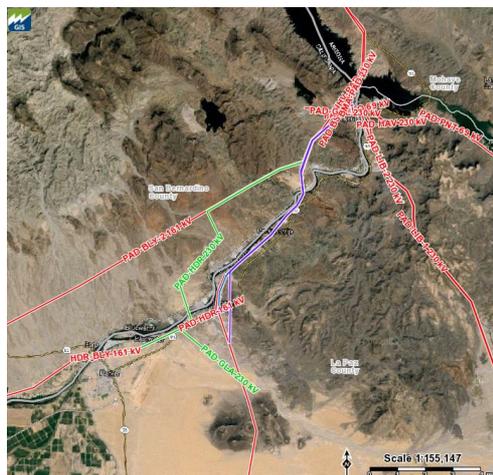
Gila Substation 230kV Rebuild

- At the completion of this project WAPA will propose subsequent improvements and reconstructive efforts at the Gila Substations:
 - Existing 161kV yard will be demolished
 - Reconstruction of the 69kV yard
 - Reconstruction of the 34.5kV yard



Project Updates

Parker-Bouse & Parker-Headgate Rock Reroute



Project Updates

Parker-Bouse & Parker-Headgate Rock Reroute

Background

- Approved for Prepayments in FY13
- Project rebuilds 13 miles of 161kV transmission line between Parker and Headgate Rock Substation and approximately 14 miles of transmission line from Parker to a point about 3 miles south of Highway 95 in Parker, AZ
- Project replaces vintage wood poles showing advanced surface shell rot, cracking, and weathering



Project Updates

Parker-Bouse & Parker-Headgate Rock Reroute

- A new public scoping meeting will be held in mid-July 2017 to formally present the new alignment alternatives.
- WAPA has met with CRIT and presented both of the alignments as alternatives.
- The feed back from the public meeting will help guide WAPA in it's alignment decision.
- WAPA continues to investigate both alignments for the rebuild of the 161kV line.
- Due the undefined alignment, current energization date is TBD.
- Once the public scoping meeting is held and a preferred alignment has been chosen, an estimated energization date will be provided to the Customers.



Proposed FY18-20 Projects

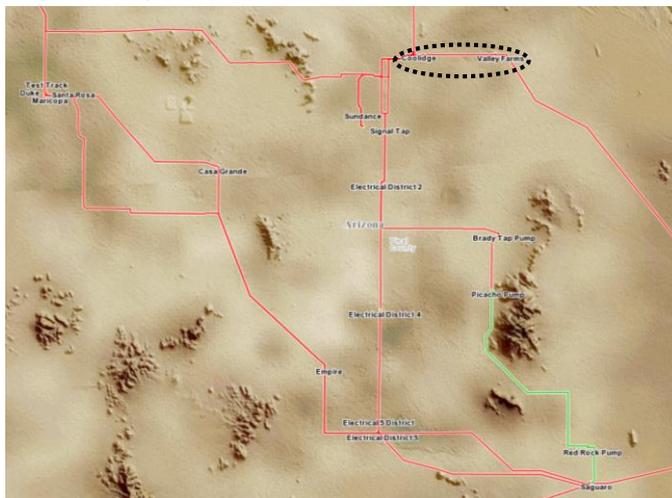


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Proposed FY18-20 Projects

Coolidge-Valley Farms 115kV Transmission Line



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Proposed FY18-20 Projects

Coolidge-Valley Farms 115kV Transmission Line

Background

- Coolidge-Valley (COL-VAF) Farms Transmission Line runs approximately 6 miles
- Coolidge-Oracle Transmission Line is a congestion point for power flow on the 115kV system
- Wood Pole Inspection Data (total of 55 poles):
 - 34.5% of Poles Rated at A (Good or like new- no action)
 - 23.6% of Poles Rated at B (Minor defect – monitor degradation)
 - 34.5% of Poles Rated at C (Moderate defect-rehabilitation recommended)
 - 7.3% of Poles Rated at D (Serious defect – repair/replace/reinforce ASAP)
 - 0.0% of Poles Rated at E (Immediate risk to public safety or system reliability)



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Proposed FY18-20 Projects

Coolidge-Valley Farms 115kV Transmission Line

- COL-VAF rebuild would fulfill the following functional requirements:
 - Replace failing wood poles
 - Adding OPGW
 - Mitigate 2 NERC facility ratings violations
 - Relieve power flow congestion on the line
 - Increase capacity to meet commercial need



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Proposed FY18-20 Projects

Coolidge-Valley Farms 115kV Transmission Line

- AoA Study in progress
- Project request form received on February 7th, 2017 from APS
- FY18/FY19 Proposed start
- Project in-service date and rate impact to Parker-Davis Project Customers will be determined in the completed AoA Study
- DSW will work with customers to identify the optimal preferred alternative
- DSW will present AoA Study results in the fall 10-Year Plan meeting
- Approved “Seed” funding would include both environmental and lands requirements. Environmental work includes consultation under the National Historical Preservation Act.



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Proposed FY18-20 Projects

Coolidge-Valley Farms 115kV Transmission Line

DSW proposes the following alternatives for consideration in the AoA Study

1. Upgrade conductor (TBD) on wood poles, add OPGW.
2. Upgrade conductor (795 ACSS) on light duty steel poles, add OPGW.
3. Upgrade conductor (795 ACSS) on steel monopoles double circuit, 115kV/69kV under-build, add OPGW.
4. Upgrade conductor (795 ACSS) on steel monopoles, double circuit 115kV, add OPGW.



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Proposed FY18-20 Projects

Coolidge-Valley Farms 115kV Transmission Line

- Customer open discussion
 - AoA Study Alternatives
 - Priority in the 10-Year Plan
 - The use of “seed” funding to perform preliminary design activities

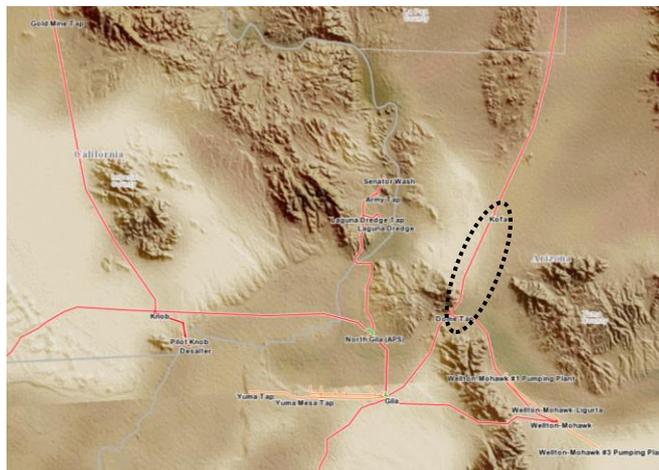


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Proposed FY18-20 Projects

Kofa-Dome Tap 161kV Transmission Line



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Proposed FY18-20 Projects

Kofa-Dome Tap 161kV Transmission Line

Background

- AoA Completed in 2016
- Analyzed 7.34 miles of transmission line
Investigated the mitigation of 8 NERC Facility Ratings violations (phase-to-ground clearance)
- Existing line contains a mix of light duty steel and wood structures
- Wood pole structures are failing and require replacement



Proposed FY18-20 Projects

Kofa-Dome Tap 161kV Transmission Line

- DSW investigated the following alternatives in the AoA Study
 1. Status Quo (maintenance only).
 2. Reconductor entire line, install steel inset structures as needed to mitigate 8 NERC violations, and add OPGW
 3. **Identical to Alternative #2 with the additional replacement of all wooden structures with light duty steel H-Frame structures. (Preferred)**
 4. Rebuild to 230kV standards, single circuit, operated at 161kV, add OPGW.
 5. Mitigate 8 NERC Facility Ratings violations with steel inset structures and replace three wood poles with steel structures.



Proposed FY18-20 Projects

Kofa-Dome Tap 161kV Transmission Line

- Advantages of preferred alternative
 - Mitigates all NERC violations
 - Installing OPGW provides alternate and physically independent path for protection, control, communication. OPGW will allow for the future bandwidth needs to support security live feed video cameras and IT networks at substations
 - Replacing wood structures with light duty steel increases the life cycle of the infrastructure and decreases the inspection frequency required.
 - Capital investment through a construction contract allows DSW maintenance to reallocate labor resources to other large scale pole replacement projects.



Proposed FY18-20 Projects

Kofa-Dome Tap 161kV Transmission Line

- Conceptual project estimate for preferred alternative = \$4.7M (pre-design AoA Study estimate)
- FY18 Proposed start
- Project In-service date: 4th quarter of Fiscal Year 2021
- Parker Davis Project Rate Impact: \$0.09/KW-Year



Proposed FY18-20 Projects

Kofa-Dome Tap 161kV Transmission Line

- Customer open discussion
 - AoA Study Alternatives
 - Priority in the 10-Year Plan
 - The use of “seed” funding to perform preliminary design activities

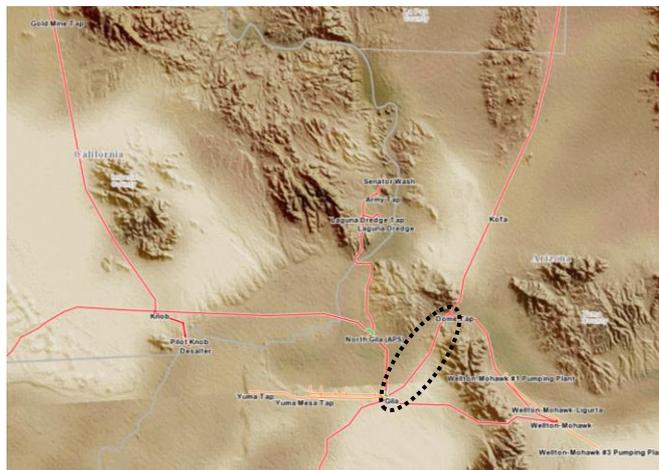


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Proposed FY18-20 Projects

Dome Tap-Gila 161kV Transmission Line



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Proposed FY18-20 Projects

Dome Tap-Gila 161kV Transmission Line

Background

- AoA Completed in 2016
- Analyzed 7.57 miles of transmission line
- Investigated the mitigation of 8 NERC Facility Ratings violations
- Existing line contains a mix of light duty steel and wood H-frame structures
- Existing wood pole structures are failing and require replacement



Proposed FY18-20 Projects

Dome Tap-Gila 161kV Transmission Line

DSW investigated the following alternatives in the AoA Study

1. Status Quo (maintenance only).
2. Reconductor, install light duty steel structures to mitigate 8 NERC Facility Ratings violations, and add OPGW
3. **Reconductor, replace all 16 wood structures with light-duty steel, and add OPGW. (Preferred)**
4. Upgrade structures and conductor to 230kV standards, add OPGW, operated at 161kV.
5. Install inset structures to mitigate all 8 NERC Facility Ratings violations



Proposed FY18-20 Projects

Dome Tap-Gila 161kV Transmission Line

- Advantages of preferred alternative
 - Mitigates all NERC violations
 - Entire line segment will be light-duty steel H-Frame structures therefore reducing inspection frequency on the entire line segment
 - Light-duty steel increases the life cycle of the infrastructure
 - Existing steel structures may be utilized to save cost
 - New lighter conductor will provide less sag, increasing clearances
 - Installing OPGW provides alternate and physically independent path for protection, control, communication. OPGW will allow for the future bandwidth needs to support security live feed video cameras and IT networks at substations



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Proposed FY18-20 Projects

Dome Tap-Gila 161kV Transmission Line

- Conceptual project estimate for preferred alternative = \$7.3M (pre-design AoA Study estimate)
- FY18 Proposed start
- Project In-service date: 3rd quarter of Fiscal Year 2021
- Parker Davis Project Rate Impact: \$0.16/kW-Year



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Proposed FY18-20 Projects

Dome Tap-Gila 161kV Transmission Line

- Customer open discussion
 - AoA Study Alternatives
 - Priority in the 10-Year Plan
 - The use of “seed” funding to perform preliminary design activities



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Proposed FY18-20 Projects

Bouse-Kofa 161kV Transmission Line



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Proposed FY18-20 Projects

Bouse-Kofa 161kV Transmission Line

Background

- AoA Completed in 2016
- Analyzed 76 miles of transmission line
- Investigated mitigation of 107 NERC Facility Ratings clearance violations
- Originally built in 1943 with wood H-frame structures
- Existing line contains a mix of light duty steel and wood H-frame structures (82 remaining)
- Existing wood pole structures are failing and require replacement
- Conductor varies between 300 kcmil hollow core conductor, 954 kcmil ACSR, and 477 ACSR



Proposed FY18-20 Projects

Bouse-Kofa 161kV Transmission Line

DSW investigated the following alternatives in the AoA Study

1. Status Quo (maintenance only).
2. Reconductor, install light duty steel structures to mitigate 107 NERC Facility Ratings violations, and add OPGW.
3. **Reconductor, replace all 82 wood structures with light-duty steel, and add OPGW. (preferred)**
4. Upgrade structures and conductor to 230kV standards, add OPGW, operated at 161kV.
5. Install light duty steel structures to mitigate 107 NERC violations.



Proposed FY18-20 Projects

Bouse-Kofa 161kV Transmission Line

- Advantages of preferred alternative
 - Mitigates all NERC violations
 - Installing ACSS conductor with less sag than the existing 300 kcmil hollow core copper conductor could eliminate the vast majority of NERC violations
 - Installing OPGW provides alternate and physically independent path for protection, control, communication. OPGW will allow for the future bandwidth needs to support security live feed video cameras and IT networks at substations
 - Replacing all wood structures decreases inspection frequency from every year to once every three years
 - Existing copper conductor has a scrap value that can offset some of the construction cost (market value estimated at ~\$1.7M)



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Proposed FY18-20 Projects

Bouse-Kofa 161kV Transmission Line

- Conceptual project estimate for preferred alternative = \$31M (pre-design AoA Study estimate)
- FY19 Proposed start
- Project In-service date: 4th quarter of Fiscal Year 2024
- Parker Davis Project Rate Impact: \$0.63/kW-Year
- Approved “Seed” funding would include both environmental and lands requirements including coordination with BLM to apply for new ROW due to improvements to the transmission line.



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Proposed FY18-20 Projects

Bouse-Kofa 161kV Transmission Line

- Customer open discussion
 - AoA Study Alternatives
 - Priority in the 10-Year Plan
 - The use of “seed” funding to perform preliminary design activities



Proposed FY18-20 Projects

Mead Substation KU2A Transformer

- Customer open discussion
 - Suggestions for AoA Study Alternatives
 - Priority in the 10-Year Plan



Analysis of Alternatives (AoA) Studies



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Analysis of Alternatives (AoA) Studies

Mead Substation KU2A Transformer

- AoA Study In Progress
- Transformer has exceeded it's engineered life span
- Transformer is experiencing gassing
- Study will evaluate third party testing results and outline alternatives including a new replacement transformer and operational and commercial viability of using the existing spare transformer



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Analysis of Alternatives (AoA) Studies

Mead Substation KU2A Transformer

FY20 Proposed start

- A conceptual estimate will be determined in the completed AoA Study
- Project in-service date and rate impact to Intertie Project will be determined in the completed AoA Study
- DSW will work with customers to identify the optimal preferred alternative



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Analysis of Alternatives (AoA) Studies

Blythe-Parker #2 Transmission Line

- AoA Study In Progress
- Rebuild 64 miles of Transmission Line between Parker and Blythe substations
- Built in 1969, 49% of the original wood poles require replacement
- Wood pole testing and inspection identified 602 poles requiring replacement
- 9 NERC Facility Ratings Violations



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Analysis of Alternatives (AoA) Studies

Blythe-Parker #2 Transmission Line

DSW is investigating the following alternatives in the AoA Study

1. Status Quo (maintenance only)
2. Add Steel pole dead-end structures and replace wood poles in-kind
3. Rebuild with light duty steel H-frame structures at 161kV
4. Rebuild with steel monopoles at 161kV
5. Rebuild with steel monopoles at 230kV



Analysis of Alternatives (AoA) Studies

Blythe-Parker #2 Transmission Line

- FY21 projected project start
- A conceptual estimate will be determined in the completed AoA Study
- Project in-service date and rate impact to Parker-Davis Project customers will be determined in the completed AoA Study
- DSW will collaborate with customers to identify the optimal preferred alternative



Analysis of Alternatives (AoA) Studies

Blythe-Parker #2 Transmission Line

- Customer open discussion
 - AoA Study Alternatives
 - Priority in the 10-Year Plan
 - The use of “seed” funding to perform preliminary design activities



FY17 Budget vs. Executions



FY17 Budget vs Actuals Intertie (O&M)

67% of the Year Executed

Budget Activity	Description	FY17 Budget	FY17 Actuals	Available (Shortfall)	FY17 % Executed
Maintenance					
N/FGIN COMM	Communication & Control	\$ 167,978	\$ 139,393	\$ 28,585	83%
N/FGIN LINCM	Lines, Direct Hrs, No Specific Job	\$ 208,478	\$ 81,102	\$ 127,376	39%
N/FGIN LINSM	O&M of Trans Lines	\$ 863,446	\$ 116,586	\$ 746,860	14%
N/FGIN STU DM	Transmission/Engineering Studies	\$ 363,668	\$ 235,508	\$ 128,160	65%
N/FGIN SUBCM	Subs, Direct Hrs, No Specific Job	\$ 396,394	\$ 707,426	\$ (311,032)	178%
N/FGIN SUBSM	O&M of Subs & Related Facilities	\$ 2,553,321	\$ 1,854,510	\$ 698,811	73%
	Total Maintenance	\$ 4,553,285	\$ 3,134,526	\$ 1,418,759	69%
Non-Maintenance					
N/FGIN BILLM	Power Billing	\$ 113,992	\$ 63,526	\$ 50,466	56%
N/FGIN FINAM	Financial Management	\$ 85,339	\$ 51,204	\$ 34,135	60%
N/FGIN GWAMM	General Western Allocation	\$ 1,293,342	\$ 369,007	\$ 924,335	29%
N/FGIN MRKTM	Power Marketing	\$ 739,172	\$ 422,125	\$ 317,047	57%
N/FGIN SAFEM	Safety & Security	\$ 117,563	\$ 65,332	\$ 52,231	56%
N/FGIN SOLDM	Sys Ops & Load Dispatch	\$ 676,354	\$ 399,815	\$ 276,539	59%
N/FGIN SOLWM	Mead-Phoenix O&M	\$ 1,503,969	\$ 232,000	\$ 1,271,969	15%
N/FGIN SUPTM	Data Activities Charges	\$ 192,168	\$ 515,677	\$ (323,509)	268%
N/FGIN SVC FM	DSWR Service Facility Clearing	\$ 215,229	\$ 102,056	\$ 113,173	47%
	Total Non-Maintenance	\$ 4,937,128	\$ 2,220,744	\$ 2,716,384	45%
	Subtotal O&M	\$ 9,490,413	\$ 5,355,269	\$ 4,135,144	56%

*Actuals include Commitments, Outstanding Obligations and Expenditures as of 5/31/17



FY17 Budget vs Actuals – Intertie and Parker Davis

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FY17 Budget vs Actuals Intertie (Replacements & Construction)

67% of the Year Executed

Budget Activity	Description	FY17 Budget	FY17 Actuals	Available (Shortfall)	FY17 % Executed
Replacements					
N/FGIN COMMB	Replace Comm & Control Equip	\$ 100,000	\$ (153)	\$ 100,153	0%
N/FGIN LINSB	Transmission Lines	\$ 1,500,000	\$ -	\$ 1,500,000	0%
N/FGIN MOV PB	Movable Property	\$ 40,000	\$ -	\$ 40,000	0%
N/FGIN SUBSB	Replace Substation Equip	\$ 1,560,000	\$ 807,876	\$ 752,124	52%
	Subtotal RRADs	\$ 3,200,000	\$ 807,724	\$ 2,392,276	25%
Construction					
Appropriated	Multiple Projects	\$ 1,015,000	\$ 183,578	\$ 831,422	18%
Prepayment	Multiple Projects	\$ 7,923,000	\$ 4,299,900	\$ 3,623,100	54%
	Subtotal Construction	\$ 8,938,000	\$ 4,483,478	\$ 4,454,522	50%
	Grand Total	\$ 21,628,413	\$ 10,646,471	\$ 10,981,942	49%

*Actuals include Commitments, Outstanding Obligations and Expenditures as of 5/31/17



FY17 Budget vs Actuals – Intertie and Parker Davis

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FY17 Budget vs Actuals Parker Davis (O&M)

67% of the Year Executed

Budget Activity	Description	FY17 Budget	FY17 Actuals	Available (Shortfall)	FY17 % Executed
Maintenance					
N/FGPD COMMM	Communication & Control	\$ 996,105	\$ 690,227	\$ 305,878	69%
N/FGPD LINCMM	Lines, Direct Hrs, No Specific Job	\$ 1,365,092	\$ 1,108,898	\$ 256,194	81%
N/FGPD LINSM	O&M of Trans Lines	\$ 5,608,406	\$ 5,377,905	\$ 230,501	96%
N/FGPD STUDDM	Transmission/Engineering Studies	\$ 1,934,224	\$ 943,273	\$ 990,951	49%
N/FGPD SUBCDM	Subs, Direct Hrs, No Specific Job	\$ 3,378,951	\$ 2,050,477	\$ 1,328,474	61%
N/FGPD SUBSDM	O&M of Subs & Related Facilities	\$ 5,815,949	\$ 3,619,417	\$ 2,196,532	62%
	Total Maintenance	\$ 19,098,727	\$ 13,790,197	\$ 5,308,530	72%
Non-Maintenance					
N/FGPD BILLM	Power Billing	\$ 568,036	\$ 302,964	\$ 265,072	53%
N/FGPD CAREM	Conserv & Renew Energy	\$ 85,208	\$ 26,865	\$ 58,343	32%
N/FGPD FINAM	Financial Management	\$ 382,561	\$ 204,489	\$ 178,072	53%
N/FGPD GWAMM	General Western Allocation	\$ 5,739,105	\$ 1,548,221	\$ 4,190,884	27%
N/FGPD MRKTM	Power Marketing	\$ 2,708,220	\$ 1,359,030	\$ 1,349,190	50%
N/FGPD SAFEM	Safety & Security	\$ 566,740	\$ 284,596	\$ 282,144	50%
N/FGPD SOLDM	Sys Ops & Load Dispatch	\$ 5,940,919	\$ 3,627,141	\$ 2,313,778	61%
N/FGPD SUPDM	Data Activities Charges	\$ 890,875	\$ 2,164,454	\$ (1,273,579)	243%
N/FGPD SVCFM	DSWR Service Facility Clearing	\$ 1,016,053	\$ 435,698	\$ 580,355	43%
	Total Non-Maintenance	\$ 17,897,717	\$ 9,953,458	\$ 7,944,259	56%
	Subtotal O&M	\$ 36,996,444	\$ 23,743,655	\$ 13,252,789	64%

*Actuals include Commitments, Outstanding Obligations and Expenditures as of 5/31/17



FY17 Budget vs Actuals – Intertie and Parker Davis

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FY17 Budget vs Actuals Parker Davis (Replacements & Construction)

67% of the Year Executed

Budget Activity	Description	FY17 Budget	FY17 Actuals	Available (Shortfall)	FY17 % Executed
Replacements					
N/FGPD COMMB	Replace Comm & Control Equip	\$ 885,000	\$ 138,359	\$ 746,641	16%
N/FGPD LINSB	Transmission Lines	\$ 2,200,000	\$ 2,133,359	\$ 66,641	97%
N/FGPD MOVPM	Movable Property	\$ 1,275,000	\$ 1,508,916	\$ (233,916)	118%
N/FGPD SUBSB	Replace Substation Equip	\$ 3,162,000	\$ 1,874,054	\$ 1,287,946	59%
	Subtotal RRADs	\$ 7,522,000	\$ 5,654,689	\$ 1,867,311	75%
Construction					
Appropriated	Multiple Projects	\$ 500,000	\$ 352,284	\$ 147,716	70%
Prepayment	Multiple Projects	\$ 21,072,000	\$ 5,789,772	\$ 15,282,228	27%
	Subtotal Construction	\$ 21,572,000	\$ 6,142,056	\$ 15,429,944	28%
	Grand Total	\$ 66,090,444	\$ 35,540,399	\$ 30,550,045	54%

*Actuals include Commitments, Outstanding Obligations and Expenditures as of 5/31/17



FY17 Budget vs Actuals – Intertie and Parker Davis

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Thank You

- Questions?
- Recap of Meeting Action Items
- Next Steps
 - FY18-FY27 Ten Year Plan Presentation tentatively scheduled for late August 2017

