



Western  
Area Power  
Administration

# Ten Year Capital Plan

## Annual Customer Meeting

2017-2026

August 23, 2016

Desert Southwest Region  
Phoenix, AZ



# AGENDA

1. Welcome
2. Action Items Updates
3. Southline Project Update
4. FY16 Budget vs. Actuals
5. TYP Overview
6. FY17 Strategic Study Overview
7. Pre-payment Overview
8. TYP Next Steps /Action Item Recap



# ACTION ITEMS

## 1. Contact Colorado River Indian Tribe Regarding Parker-Headgate Rock/Bouse Rebuild Project

- DSW Environmental group to provide update

## 2. Provide procurement solicitation documents for Gila-Knob 161kV project

- Documents posted to WAPA website and link provided



# ACTION ITEMS

## 3. Review the Joint Planning Agreement (JPA)

- Open discussion

## 4. Investigate new MOU funding language

- DSW Rates group to provide update

## 5. Mead KU2A & KU2B transformer parallel scheme

- DSW Planning & Transmission Business Unit to provide update



# ACTION ITEMS

## 6. Review budget formulation including the MOU to align with Ten-Year Program timeline

- DSW is actively reviewing to ensure the process is aligned

## 7. Provide complete financial summaries

- Gila Substation 161kV Rebuild – refer to hand out pages 34 & 35
- Gila-Knob 161kV Rebuild – refer to hand out pages 38 & 39



# ACTION ITEMS

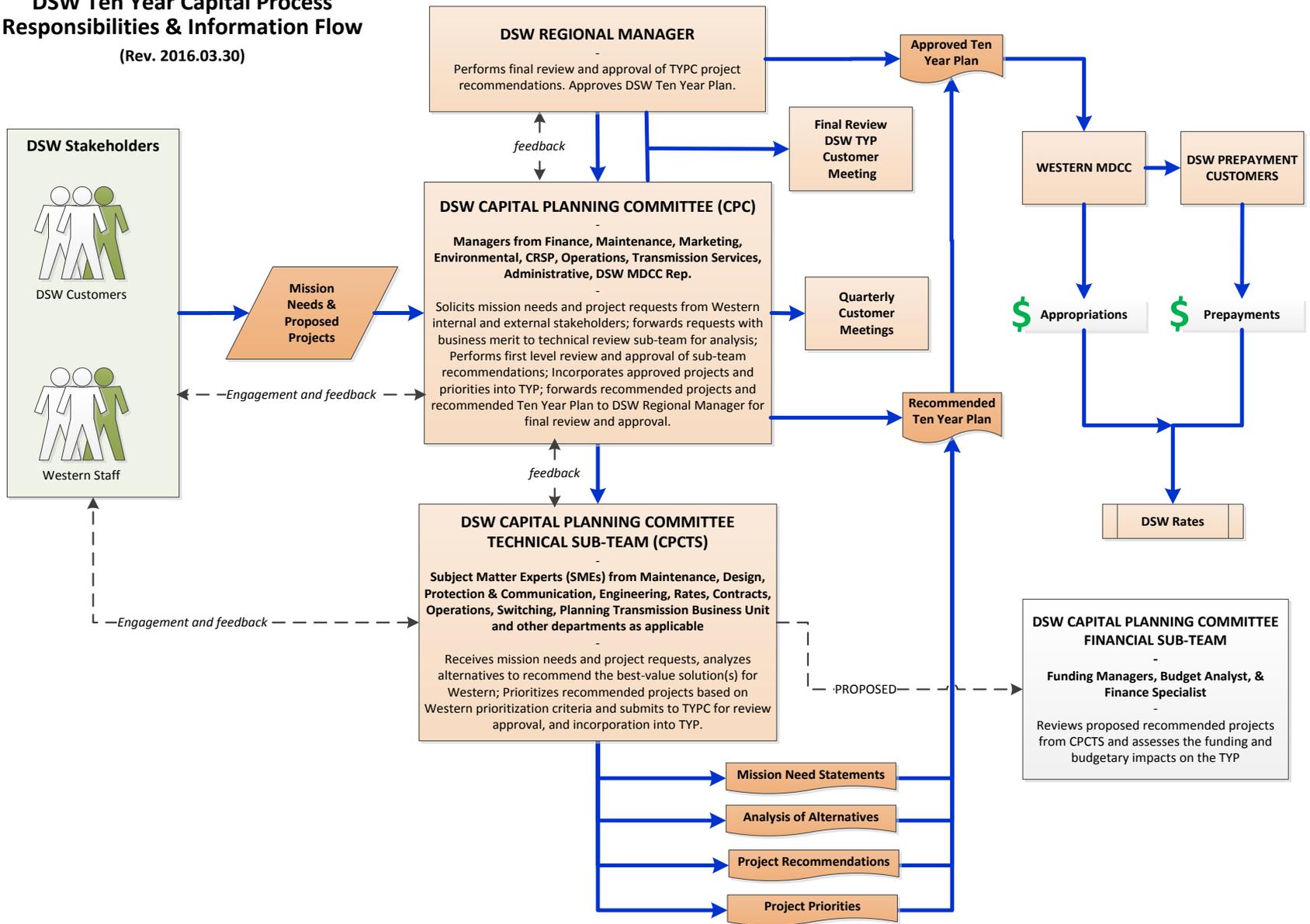
## 8. Create Customer Email Contact for Ten-Year Plan input

- [DSWTYP@wapa.gov](mailto:DSWTYP@wapa.gov)
- Discuss DSW Ten Year Capital Process Flow Chart
- Discuss Customer Project Request Form



# DSW Ten Year Capital Process Responsibilities & Information Flow

(Rev. 2016.03.30)



# Desert Southwest Region Customer Project Request Form Ten Year Capital Planning

Please complete this form and email to [DSWTYP@wapa.gov](mailto:DSWTYP@wapa.gov)

Name of Organization/Entity Making Request: \_\_\_\_\_

Name of Individual Making Request: \_\_\_\_\_

Date Requested: \_\_\_\_\_

Proposed Project Description: \_\_\_\_\_

**Within which DSW power system is this project located (select only one)?**

- Parker Davis       CAP       Intertie       Boulder Canyon  
 CRSP       Salinity       Levee

**Proposed Project Urgency (select only one)?**

- Minor       Moderate       Major       Severe       Catastrophic

**Mission Needs Statement:**

*What is the problem, condition, or upgrade that needs to be evaluated?*

**Functional Requirements to be met:**

*What are the functional expectations for this project?*

**Project Justification**

*What is the justification to do this project?*



**Project Scope Alternatives**

*DSW's AoA study process will identify project scope alternatives, however, please list any known preferential alternatives that should be evaluated by WAPA*

**Challenges, obstacles, or restrictions impacting the proposed project**

*List all known or potential impacts on the proposed project*



# SOUTHLINE PROJECT UPDATE

- Southline Open Solicitation conducted from 3/31/16 to 6/30/16
- Received favorable responses:
  - Long term bi-directional interest on New Build and Upgrade Segments
  - Diverse set of qualified counterparties
  - Interest exceeds project capacity
- Southline working on Precedent Agreements with top prospects
- State processes initiated – applications likely in October
- Further customer engagement when more information can be shared
- Record of Decision issued in April 2016
- Bureau of Land Management right-of-way grant expected August 2016



# FY17 Prepayment Funding Plan

## Sources & Uses

FY	Action	Project Name	Sources	Uses
13	Completed	Pinnacle Peak-Rogers Right-of-Way	108,091	
15	Completed	Del Bac-Nogales Right-of-Way Renewal	49,854	
12	Reprogram	ED4-ED2 115-kV Transmission Line Rebuild	500,000	
14	Reprogram	Gila-Knob 161-kV Double Circuit Upgrade		500,000
14	Cancel	Parker Substation 161-kV Switch Replacement	1,250,000	
15	Cancel	Parker-Davis Facility Rating Mitigation Year 3	16,000,000	
14	Proposed	Gila Substation 161-kV Rebuild		6,299,184
14	Proposed	Gila-Knob 161-kV Double Circuit Upgrade		1,117,811
		<b>New Prepayment Funding Needed</b>	<b>(9,990,950)</b>	
		<b>FY17 Prepayment</b>	<b>7,916,995</b>	<b>7,916,995</b>



# FY16 Budget vs Actuals

## Intertie (O&M)

83% of the Year Executed

Budget Activity	Description	FY16 Budget	FY16 Actuals	Available (Shortfall)	FY16 % Executed
<b>Maintenance</b>					
N/FGIN COMMM	Communication & Control	\$ 191,637	\$ 113,685	\$ 77,952	59%
N/FGIN LINCM	Lines, Direct Hrs, No Specific Job	\$ 203,475	\$ 49,787	\$ 153,688	24%
N/FGIN LINSM	O&M of Trans Lines	\$ 816,375	\$ 256,006	\$ 560,369	31%
N/FGIN STUDM	Transmission/Engineering Studies	\$ 365,403	\$ 156,818	\$ 208,585	43%
N/FGIN SUBCM	Subs, Direct Hrs, No Specific Job	\$ 469,900	\$ 1,013,481	\$ (543,581)	216%
N/FGIN SUBSM	O&M of Subs & Related Facilities	\$ 2,100,652	\$ 2,140,406	\$ (39,754)	102%
<b>Total Maintenance</b>		<b>\$ 4,147,442</b>	<b>\$ 3,730,182</b>	<b>\$ 417,260</b>	<b>90%</b>
<b>Non-Maintenance</b>					
N/FGIN BILLM	Power Billing	\$ 109,576	\$ 90,973	\$ 18,603	83%
N/FGIN FINAM	Financial Management	\$ 98,218	\$ 71,636	\$ 26,582	73%
N/FGIN GWAMM	General Western Allocation	\$ 993,654	\$ 481,002	\$ 512,652	48%
N/FGIN MRKTM	Power Marketing	\$ 692,320	\$ 421,625	\$ 270,695	61%
N/FGIN SAFEM	Safety & Security	\$ 115,147	\$ 85,068	\$ 30,079	74%
N/FGIN SOLDM	Sys Ops & Load Dispatch	\$ 572,880	\$ 493,859	\$ 79,021	86%
N/FGIN SOLWM	Mead-Phoenix O&M	\$ 1,509,474	\$ 642,282	\$ 867,192	43%
N/FGIN SUPTM	Data Activities Charges	\$ 168,739	\$ 683,211	\$ (514,472)	405%
N/FGIN SVCFM	DSWR Service Facility Clearing	\$ 175,637	\$ 204,567	\$ (28,930)	116%
<b>Total Non-Maintenance</b>		<b>\$ 4,435,645</b>	<b>\$ 3,174,224</b>	<b>\$ 1,261,421</b>	<b>72%</b>
<b>Subtotal O&amp;M</b>		<b>\$ 8,583,087</b>	<b>\$ 6,904,406</b>	<b>\$ 1,678,681</b>	<b>80%</b>

\*Actuals include Commitments, Outstanding Obligations and Expenditures as of 7/31/16



# FY16 Budget vs Actuals

## Intertie (Replacements & Construction)

83% of the Year Executed

Budget Activity	Description	FY16 Budget	FY16 Actuals	Available (Shortfall)	FY16 % Executed
<b>Replacements</b>					
N/FGIN COMMB	Replace Comm & Control Equip	\$ 70,000	\$ 21,864	\$ 48,136	31%
N/FGIN LINSB	Transmission Lines	\$ 1,500,000	\$ 400,000	\$ 1,100,000	27%
N/FGIN MOVPB	Movable Property	\$ 40,000	\$ -	\$ 40,000	0%
N/FGIN SUBSB	Replace Substation Equip	\$ 1,705,000	\$ 1,482,072	\$ 222,928	87%
	<b>Subtotal RRADs</b>	<b>\$ 3,315,000</b>	<b>\$ 1,903,936</b>	<b>\$ 1,411,064</b>	<b>57%</b>
<b>Construction</b>					
Appropriated	Multiple Projects	\$ 1,115,000	\$ 2,223,633	\$ (1,108,633)	199%
Prepayment	Multiple Projects	\$ 1,420,417	\$ 190,708	\$ 1,229,709	13%
	<b>Subtotal Construction</b>	<b>\$ 2,535,417</b>	<b>\$ 2,414,341</b>	<b>\$ 121,076</b>	<b>95%</b>
	<b>Grand Total</b>	<b>\$ 14,433,504</b>	<b>\$ 11,222,683</b>	<b>\$ 3,210,821</b>	<b>78%</b>

\*Actuals include Commitments, Outstanding Obligations and Expenditures as of 7/31/16



# FY16 Budget vs Actuals

## Parker Davis (O&M)

83% of the Year Executed

Budget Activity	Description	FY16 Budget	FY16 Actuals	Available (Shortfall)	FY16 % Executed
<b>Maintenance</b>					
N/FGPD COMMM	Communication & Control	\$ 1,023,989	\$ 661,237	\$ 362,752	65%
N/FGPD LINCM	Lines, Direct Hrs, No Specific Job	\$ 1,263,929	\$ 1,179,769	\$ 84,160	93%
N/FGPD LINSM	O&M of Trans Lines	\$ 5,719,032	\$ 2,922,812	\$ 2,796,220	51%
N/FGPD STUDM	Transmission/Engineering Studies	\$ 1,988,120	\$ 1,295,524	\$ 692,596	65%
N/FGPD SUBCM	Subs, Direct Hrs, No Specific Job	\$ 3,325,905	\$ 2,502,176	\$ 823,729	75%
N/FGPD SUBSM	O&M of Subs & Related Facilities	\$ 6,057,712	\$ 4,694,374	\$ 1,363,338	77%
<b>Total Maintenance</b>		<b>\$ 19,378,687</b>	<b>\$ 13,255,892</b>	<b>\$ 6,122,795</b>	<b>68%</b>
<b>Non-Maintenance</b>					
N/FGPD BILLM	Power Billing	\$ 561,346	\$ 369,832	\$ 191,514	66%
N/FGPD CAREM	Conserv & Renew Energy	\$ 111,112	\$ 30,940	\$ 80,172	28%
N/FGPD FINAM	Financial Management	\$ 403,587	\$ 281,926	\$ 121,661	70%
N/FGPD GWAMM	General Western Allocation	\$ 4,756,843	\$ 2,087,180	\$ 2,669,663	44%
N/FGPD MRKTM	Power Marketing	\$ 2,583,483	\$ 1,509,864	\$ 1,073,619	58%
N/FGPD SAFEM	Safety & Security	\$ 561,621	\$ 398,461	\$ 163,160	71%
N/FGPD SOLDM	Sys Ops & Load Dispatch	\$ 5,139,935	\$ 4,551,571	\$ 588,364	89%
N/FGPD SUPTM	Data Activities Charges	\$ 873,892	\$ 2,976,365	\$ (2,102,473)	341%
N/FGPD SVCFM	DSWR Service Facility Clearing	\$ 829,626	\$ 948,496	\$ (118,870)	114%
<b>Total Non-Maintenance</b>		<b>\$ 15,821,445</b>	<b>\$ 13,154,635</b>	<b>\$ 2,666,810</b>	<b>83%</b>
<b>Subtotal O&amp;M</b>		<b>\$ 35,200,132</b>	<b>\$ 26,410,527</b>	<b>\$ 8,789,605</b>	<b>75%</b>

\*Actuals include Commitments, Outstanding Obligations and Expenditures as of 7/31/16



# FY16 Budget vs Actuals

## Parker Davis (Replacements & Construction)

83% of the Year Executed

Budget Activity	Description	FY16 Budget	FY16 Actuals	Available (Shortfall)	FY16 % Executed
<b>Replacements</b>					
N/FGPD COMMB	Replace Comm & Control Equip	\$ 677,000	\$ 388,930	\$ 288,070	57%
N/FGPD LINSB	Transmission Lines	\$ 3,000,000	\$ 1,952,197	\$ 1,047,803	65%
N/FGPD MOVPM	Movable Property	\$ 1,250,000	\$ 1,806,857	\$ (556,857)	145%
N/FGPD SUBSB	Replace Substation Equip	\$ 2,541,000	\$ 2,169,651	\$ 371,349	85%
	<b>Subtotal RRADs</b>	<b>\$ 7,468,000</b>	<b>\$ 6,317,635</b>	<b>\$ 1,150,365</b>	<b>85%</b>
<b>Construction</b>					
Appropriated	Multiple Projects	\$ 195,000	\$ 2,528,232	\$ (2,333,232)	1297%
Prepayment	Multiple Projects	\$ 17,925,616	\$ 14,020,558	\$ 3,905,058	78%
	<b>Subtotal Construction</b>	<b>\$ 18,120,616</b>	<b>\$ 16,548,790</b>	<b>\$ 1,571,826</b>	<b>91%</b>
	<b>Grand Total</b>	<b>\$ 60,788,748</b>	<b>\$ 49,276,952</b>	<b>\$ 11,511,796</b>	<b>81%</b>

\*Actuals include Commitments, Outstanding Obligations and Expenditures as of 7/31/16



# TEN YEAR PLAN OVERVIEW

*Please refer to section #9, page 49 & 50 of your Ten-Year Plan Handout for a review of DSW's Ten-Year Plan*

## WAPA's Construction Projects

- Funded through available Federal appropriations
- Typically exceed \$750,000 and require non-Federal labor

## Prepayment Projects

- Construction projects that are executed utilizing prepayment funds
- Typically exceed \$750,000 and utilizes non-Federal labor



# TEN YEAR PLAN OVERVIEW

- Example Project Funding Summary
- Report FY 2016 Completed Construction Projects
- Report FY 2016 Active Construction Projects
- Discuss Proposed Prepayment Projects



# FY 16 COMPLETED PROJECTS

*Reference section 4 in Ten-Year Plan Handout Book*

## PROJECT NAME

Mead Substation CCVT Support Structure Replacement

Mead Stage 15 Transformer Replacement

Relocate Liberty Spare KU1A Transformer to Mead

Davis Substation Maintenance Building

Del Bac-Nogales Right-of-Way Renewal



# Example Project Funding Summary

	[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]
<b>Funding Summary</b>				[A+B+C]		[D-E]		[D+G]
<b>Funding</b>	<b>Original Project Budget</b>	<b>Prepayment Adjustments</b>	<b>Appropriations Adjustments</b>	<b>Current Project Budget</b>	<b>Total Executed</b>	<b>Remaining Funds</b>	<b>Additional Funds Required</b>	<b>Revised Project Budget</b>
Prepayment	10,000,000	1,200,000	-	11,200,000	9,500,000	1,700,000	-	11,200,000
Appropriations	-	-	200,000	200,000	150,000	50,000	-	200,000
<b>Total Project Funding</b>	<b>10,000,000</b>	<b>1,200,000</b>	<b>200,000</b>	<b>11,400,000</b>	<b>9,650,000</b>	<b>1,750,000</b>	<b>-</b>	<b>11,400,000</b>

## Prepayment Adjustments

- Reprogramming in accordance with MOU
- Increases approved by customer vote
- Decreases when appropriations are used in lieu of prepayments

## Appropriations Adjustments

- Increases when appropriations are used in lieu of prepayments
- Increases when appropriations are used to supplement the prepayment budget

## Additional Funds Required

- Projects requiring customer approval for additional funding



# FY 16 COMPLETED PROJECTS

## Mead Substation CCVT Support Structure Replacement Project Status

- *Reference page 13 in TYP Handout Book*
- Field construction completed May 20th , 2016
- 27 concrete 230kV CT and CCVT support structures rebuilt/replaced
- Project currently in close-out

	[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]
Funding Summary				[A+B+C]		[D-E]		[D+G]
Funding	Original Project Budget	Prepayment Adjustments	Appropriations Adjustments	Current Project Budget	Total Executed	Remaining Funds	Additional Funds Required	Revised Project Budget
Prepayment	975,000	-	-	975,000	847,141	127,859	-	975,000
Appropriations	-	-	-	-	-	-	-	-
<b>Total Project Funding</b>	<b>975,000</b>	<b>-</b>	<b>-</b>	<b>975,000</b>	<b>847,141</b>	<b>127,859</b>	<b>-</b>	<b>975,000</b>



# FY 16 COMPLETED PROJECTS

## Mead Stage 15 Transformer Replacement Project Status

- *Reference page 14 in TYP Handout Book*
- Field construction completed on May 20<sup>th</sup>, 2016
- Project currently in close-out

	[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]
Funding Summary				[A+B+C]		[D-E]		[D+G]
Funding	Original Project Budget	Prepayment Adjustments	Appropriations Adjustments	Current Project Budget	Total Executed	Remaining Funds	Additional Funds Required	Revised Project Budget
Prepayment	-	-	-	-	-	-	-	-
Appropriations	8,000,000	-	178,697	8,178,697	8,178,697	-	-	8,178,697
<b>Total Project Funding</b>	<b>8,000,000</b>	<b>-</b>	<b>178,697</b>	<b>8,178,697</b>	<b>8,178,697</b>	<b>-</b>	<b>-</b>	<b>8,178,697</b>



# FY 16 COMPLETED PROJECTS

## Relocate Liberty Spare KU1A Transformer to Mead Project Status

- *Reference page 15 in TYP Handout Book*
- Transformer relocation contract awarded May 2015
- Project completion October 2015
- Project has been financially close-out

	[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]
Funding Summary				[A+B+C]		[D-E]		[D+G]
Funding	Original Project Budget	Prepayment Adjustments	Appropriations Adjustments	Current Project Budget	Total Executed	Remaining Funds	Additional Funds Required	Revised Project Budget
Prepayment	-	-	-	-	-	-	-	-
Appropriations	700,000	-	-	700,000	666,229	33,771	-	700,000
<b>Total Project Funding</b>	<b>700,000</b>	<b>-</b>	<b>-</b>	<b>700,000</b>	<b>666,229</b>	<b>33,771</b>	<b>-</b>	<b>700,000</b>



# FY 16 COMPLETED PROJECTS

## Davis Substation Maintenance Building Project Status

- *Reference page 16 in TYP Handout Book*
- Construction contractor mobilized May 2015
- Projected completed October 2015
- Project in close-out

	[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]
Funding Summary				[A+B+C]		[D-E]		[D+G]
Funding	Original Project Budget	Prepayment Adjustments	Appropriations Adjustments	Current Project Budget	Total Executed	Remaining Funds	Additional Funds Required	Revised Project Budget
Prepayment	-	-	-	-	-	-	-	-
Appropriations	1,535,739	-	-	1,535,739	1,512,521	23,218	-	1,535,739
<b>Total Project Funding</b>	<b>1,535,739</b>	<b>-</b>	<b>-</b>	<b>1,535,739</b>	<b>1,512,521</b>	<b>23,218</b>	<b>-</b>	<b>1,535,739</b>



# FY 16 COMPLETED PROJECTS

## Del Bac-Nogales Right-of-Way Renewal Project Status

- *Reference page 17 in TYP Handout Book*
- WAPA closed the transaction with the Tohono O’odham Tribe in March of 2016.

	[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]
Funding Summary				[A+B+C]		[D-E]		[D+G]
Funding	Original Project Budget	Prepayment Adjustments	Appropriations Adjustments	Current Project Budget	Total Executed	Remaining Funds	Additional Funds Required	Revised Project Budget
Prepayment	3,550,000	-	-	3,550,000	3,500,146	49,854	-	3,550,000
Appropriations	-	-	-	-	-	-	-	-
<b>Total Project Funding</b>	<b>3,550,000</b>	<b>-</b>	<b>-</b>	<b>3,550,000</b>	<b>3,500,146</b>	<b>49,854</b>	<b>-</b>	<b>3,550,000</b>



# FY 16 ACTIVE PROJECTS

*Reference section 5 in Ten-Year Plan Handout Book*

PROJECT NAME
Crossman Peak Microwave Facility
Liberty Series Capacitor Bank
Facility Ratings Mitigation Year 2
Mesa Substation Remediation
Tucson Substation Rebuild
Parker 161kV Switch Replacement
Facility Ratings Mitigation Year 3
Parker-Headgate Rock & Parker-Bouse 161kV Reroute
Gila Substation 161kV Rebuild
Gila-Knob 161kV Rebuild



# FY 16 ACTIVE PROJECTS

## Crossman Peak Microwave Facility Project Status

- *Reference page 18 in TYP Handout Book*
- Survey/Legal description and site layout has been completed
- Contract with UNS/TEP for the distribution line is executed
- Right-of-way and lands work is underway
- Projected completion of construction April 2018

	[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]
Funding Summary				[A+B+C]		[D-E]		[D+G]
Funding	Original Project Budget	Prepayment Adjustments	Appropriations Adjustments	Current Project Budget	Total Executed	Remaining Funds	Additional Funds Required	Revised Project Budget
Prepayment	4,525,000	-	-	4,525,000	540,493	3,984,507	-	4,525,000
Appropriations	-	-	-	-	-	-	-	-
<b>Total Project Funding</b>	<b>4,525,000</b>	<b>-</b>	<b>-</b>	<b>4,525,000</b>	<b>540,493</b>	<b>3,984,507</b>	<b>-</b>	<b>4,525,000</b>



# FY 16 ACTIVE PROJECTS

## Liberty Series Capacitor Bank Project Status

- *Reference page 19 in TYP Handout Book*
- New capacitor bank will be Government Furnished Equipment (GFE)
- Award construction contract June of 2017
- Projected completion of construction June 2018

	[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]
Funding Summary				[A+B+C]		[D-E]		[D+G]
Funding	Original Project Budget	Prepayment Adjustments	Appropriations Adjustments	Current Project Budget	Total Executed	Remaining Funds	Additional Funds Required	Revised Project Budget
Prepayment	10,372,000	-	-	10,372,000	7,591	10,364,409	-	10,372,000
Appropriations	-	-	-	-	-	-	-	-
<b>Total Project Funding</b>	<b>10,372,000</b>	<b>-</b>	<b>-</b>	<b>10,372,000</b>	<b>7,591</b>	<b>10,364,409</b>	<b>-</b>	<b>10,372,000</b>



# FY 16 ACTIVE PROJECTS

## Facility Ratings Mitigation Year 2 Project Status

- Reference page 20 in TYP Handout Book
- Field construction started Fall 2015
- Peacock-Round Valley, Topock-Black Mesa, & Prescott-Gavilan Peak segments are completed
- Round Valley-Prescott line segments are scheduled to start in November 2016
- Projected completion of construction June 2017

	[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]
Funding Summary				[A+B+C]		[D-E]		[D+G]
Funding	Original Project Budget	Prepayment Adjustments	Appropriations Adjustments	Current Project Budget	Total Executed	Remaining Funds	Additional Funds Required	Revised Project Budget
Prepayment	3,225,000	5,300,000	-	8,525,000	7,385,656	1,139,344	-	8,525,000
Appropriations	-	-	384,603	384,603	384,603	-	-	384,603
<b>Total Project Funding</b>	<b>3,225,000</b>	<b>5,300,000</b>	<b>384,603</b>	<b>8,909,603</b>	<b>7,770,259</b>	<b>1,139,344</b>	<b>-</b>	<b>8,909,603</b>



# FY 16 ACTIVE PROJECTS

## Mesa Substation Remediation Project Status

- *Reference page 21 in TYP Handout Book*
- Environmental service contract award anticipated in FY2016
- Projected completion of field activities April 2017
- Projected completion of close-out October 2017

	[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]
Funding Summary				[A+B+C]		[D-E]		[D+G]
Funding	Original Project Budget	Prepayment Adjustments	Appropriations Adjustments	Current Project Budget	Total Executed	Remaining Funds	Additional Funds Required	Revised Project Budget
Prepayment	1,025,000	2,510,000	-	3,535,000	2,740,235	794,765	-	3,535,000
Appropriations	-	-	755,909	755,909	755,909	-	-	755,909
<b>Total Project Funding</b>	<b>1,025,000</b>	<b>2,510,000</b>	<b>755,909</b>	<b>4,290,909</b>	<b>3,496,145</b>	<b>794,765</b>	<b>-</b>	<b>4,290,909</b>



# FY 16 ACTIVE PROJECTS

## Tucson Substation Rebuild Project Status

- Reference page 23 in TYP Handout Book
- All Government Furnished Equipment has been purchased & delivered:
  - Disconnect Switches, instrument transformers, Power Circuit Breakers, Steel Pole Structures
- A construction contract has been awarded for \$4.2M
- Projected completion of construction December 2017
- Projected completion of close-out June 2018

Funding Summary

Funding	Original Project Budget	Prepayment Adjustments	Appropriations Adjustments	[A+B+C] Current Project Budget	Total Executed	[D-E] Remaining Funds	Additional Funds Required	[D+G] Revised Project Budget
Prepayment	7,000,000	-	-	7,000,000	4,782,309	2,217,691	-	7,000,000
Appropriations	-	-	1,757,868	1,757,868	1,757,868	-	-	1,757,868
<b>Total Project Funding</b>	<b>7,000,000</b>	<b>-</b>	<b>1,757,868</b>	<b>8,757,868</b>	<b>6,540,176</b>	<b>2,217,691</b>	<b>-</b>	<b>8,757,868</b>



# FY 16 ACTIVE PROJECTS

## Parker 161kV Switch Replacement Project Status

- *Reference page 24 in TYP Handout Book*
- Project is being canceled and pre-payment funds released
- Approved for pre-payment funding in FY14
- No Equipment has been purchased to date
- An Analysis of Alternatives (AoA) study will be performed
- South of Parker Charter Group (Transmission Planning) is meeting in September

	[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]
Funding Summary				[A+B+C]		[D-E]		[D+G]
Funding	Original Project Budget	Prepayment Adjustments	Appropriations Adjustments	Current Project Budget	Total Executed	Remaining Funds	Additional Funds Required	Revised Project Budget
Prepayment	1,250,000	-	-	1,250,000	24,940	1,225,060	-	1,250,000
Appropriations	-	-	-	-	-	-	-	-
<b>Total Project Funding</b>	<b>1,250,000</b>	<b>-</b>	<b>-</b>	<b>1,250,000</b>	<b>24,940</b>	<b>1,225,060</b>	<b>-</b>	<b>1,250,000</b>



# FY 16 ACTIVE PROJECTS

## Facility Ratings Mitigation Year 3 Project Status

- *Reference page 25 in TYP Handout Book*
- Project canceled and the release of Pre-payment funds
- No Equipment purchased to date
- An Analysis of Alternatives (AoA) Study will be performed on individual transmission line segments to address outstanding NERC violations

	[A]	[B]	[C]	[D] [A+B+C]	[E]	[F] [D-E]	[G]	[H] [D+G]
<b>Funding Summary</b>								
Funding	Original Project Budget	Prepayment Adjustments	Appropriations Adjustments	Current Project Budget	Total Executed	Remaining Funds	Additional Funds Required	Revised Project Budget
Prepayment	16,000,000			16,000,000	99,075	15,900,925	-	16,000,000
Appropriations	-	-		-		-	-	-
<b>Total Project Funding</b>	<b>16,000,000</b>	<b>-</b>	<b>-</b>	<b>16,000,000</b>	<b>99,075</b>	<b>15,900,925</b>	<b>-</b>	<b>16,000,000</b>



# FY 16 ACTIVE PROJECTS

## Parker-Headgate Rock & Parker-Bouse 161kV Reroute Project Status

- *Reference page 26 in TYP Handout Book*
- In April 2016 CRIT requested that the river crossing on their land be relocated further upstream
- Negotiations for access to CRIT land for the environmental work and cost discussions for the new CRIT easements that WAPA will need to complete the project are still in progress
- WAPA is investigating new alignment options to reduce cost and project scope
- WAPA meets with CRIT on September 8<sup>th</sup> to continue project discussions
- No Government Furnished Equipment (GFE) has been purchased to date

	[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]
Funding Summary				[A+B+C]		[D-E]		[D+G]
Funding	Original Project Budget	Prepayment Adjustments	Appropriations Adjustments	Current Project Budget	Total Executed	Remaining Funds	Additional Funds Required	Revised Project Budget
Prepayment	17,954,000	(334,176)	-	17,619,824	410,364	17,209,460	-	17,619,824
Appropriations	-	-	806,463	806,463	806,463	-	-	806,463
<b>Total Project Funding</b>	<b>17,954,000</b>	<b>(334,176)</b>	<b>806,463</b>	<b>18,426,288</b>	<b>1,216,827</b>	<b>17,209,460</b>	<b>-</b>	<b>18,426,288</b>



# FY17 PROPOSED PREPAYMENT PROJECTS

*Reference section 6 in Ten-Year Plan Handout Book*

PROPOSED PROJECT	POWER SYSTEM	PRE-PAYMENT AMOUNT
Gila Substation 161kV Rebuild	Parker-Davis	\$6,299,184
Gila-Knob 161kV Rebuild	Parker-Davis	\$1,117,811



# Gila Substation 161-kV Rebuild

## Budget vs. Execution Summary

Budget vs. Execution Summary					Executed to Date (as of 8/9/2016)					
Category	Original Project Budget	% of Original Budget	Revised Project Budget	% of Revised Budget	Commitments	Obligations	Expenses	Total Executed	% of Original Budget Executed	% of Revised Budget Executed
Administration	1,185,308	10%	1,679,500	9%	6,897	35,053	442,890	484,840	41%	29%
Design	569,992	5%	1,300,000	7%	40	-	1,176,857	1,176,897	206%	91%
Environmental	57,595	0%	125,000	1%	-	-	109,738	109,738	191%	88%
Right-of-Way	-	0%	35,000	0%	-	-	27,819	27,819	N/A	79%
Government Furnished Equipment	1,875,800	16%	4,363,400	23%	5,048	1,300,017	816,919	2,121,983	113%	49%
Construction	6,843,405	57%	7,956,800	42%	138	-	11,778	11,916	0%	0%
Commissioning Activity	1,467,900	12%	2,630,300	14%	11,587	-	371,368	382,955	26%	15%
Contingency	-	0%	904,500	5%	-	-	-	-	N/A	0%
<b>Total Project (Excluding IDC)</b>	<b>12,000,000</b>	<b>100%</b>	<b>18,994,500</b>	<b>100%</b>	<b>23,710</b>	<b>1,335,070</b>	<b>2,957,369</b>	<b>4,316,149</b>	<b>36%</b>	<b>23%</b>
Interest During Construction <sup>1/</sup>	N/A	N/A	N/A	N/A	-	-	25,792	25,792	N/A	N/A
<b>Total Project (Including IDC)</b>					<b>23,710</b>	<b>1,335,070</b>	<b>2,983,161</b>	<b>4,341,941</b>		



# Gila Substation 161-kV Rebuild

## Funding Summary

	[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]
<b>Funding Summary</b>				[A+B+C]		[D-E]		[D+G]
Funding	Original Project Budget	Prepayment Adjustments <sup>2/</sup>	Appropriations Adjustments <sup>3/</sup>	Current Project Budget	Total Executed (Excluding IDC)	Remaining Funds	Additional Funds Required <sup>4/</sup>	Revised Project Budget
Prepayment	12,000,000	(1,075,597)	-	10,924,403	2,545,236	8,379,167	6,299,184	17,223,587
Appropriations	-	-	1,770,913	1,770,913	1,770,913	-	-	1,770,913
<b>Total Project Funding</b>	<b>12,000,000</b>	<b>(1,075,597)</b>	<b>1,770,913</b>	<b>12,695,316</b>	<b>4,316,149</b>	<b>8,379,167</b>	<b>6,299,184</b>	<b>18,994,500</b>

- <sup>1/</sup> Interest during construction (IDC) is a non-cash entry which does not impact the project budget, however, it is a cost of the project when the asset is capitalized
- <sup>2/</sup> Prepayment funding was reduced due to the use of available available construction appropriations in lieu of construction prepayments
- <sup>3/</sup> Appropriated funding was increased due to the use of available construction appropriations in lieu of construction prepayments
- <sup>4/</sup> Please refer to project handout for explanation of project cost increases



# Gila Substation 161-kV Rebuild

## Budget vs. Execution Detail

Budget vs. Execution Detail							Executed to Date (as of 8/9/2016)					
Category	Task	Task Description	Original Project Budget	% of Original Budget	Revised Project Budget	% of Revised Budget	Commitments	Obligations	Expenses	Total Executed	% of Original Budget Executed	% of Revised Budget Executed
Administration	30001	General Engineering Supply Services	-	0%	-	0%	-	-	-	-	N/A	N/A
Administration	30010	Construction Planning	-	0%	-	0%	-	-	4,216	4,216	N/A	N/A
Administration	30012	Collection of Field Data	-	0%	-	0%	-	-	76,468	76,468	N/A	N/A
Administration	30015	Procurement & Contract Admin	-	0%	-	0%	-	-	5,253	5,253	N/A	N/A
Administration	30016	Safety Inspections	-	0%	-	0%	-	-	-	-	N/A	N/A
Administration	30022	Project Management	-	0%	-	0%	6,897	35,053	347,467	389,416	N/A	N/A
Administration	30023	Finance Administration	-	0%	-	0%	-	-	9,487	9,487	N/A	N/A
<b>Administration</b>			<b>1,185,308</b>	<b>10%</b>	<b>1,679,500</b>	<b>9%</b>	<b>6,897</b>	<b>35,053</b>	<b>442,890</b>	<b>484,840</b>	<b>41%</b>	<b>29%</b>
<b>Design</b>	<b>30013</b>	<b>Design and Specs</b>	<b>569,992</b>	<b>5%</b>	<b>1,300,000</b>	<b>7%</b>	<b>40</b>	<b>-</b>	<b>1,176,857</b>	<b>1,176,897</b>	<b>206%</b>	<b>91%</b>
<b>Environmental</b>	<b>30011</b>	<b>Environmental Activities</b>	<b>57,595</b>	<b>0%</b>	<b>125,000</b>	<b>1%</b>	<b>-</b>	<b>-</b>	<b>109,738</b>	<b>109,738</b>	<b>191%</b>	<b>88%</b>
Right-of-Way	35000	Land & Land Rights	-	0%	-	0%	-	-	27,819	27,819	N/A	N/A
Right-of-Way	35900	Roads & Road Structures	-	0%	-	0%	-	-	-	-	N/A	N/A
<b>Right-of-Way</b>			<b>-</b>	<b>0%</b>	<b>35,000</b>	<b>0%</b>	<b>-</b>	<b>-</b>	<b>27,819</b>	<b>27,819</b>	<b>N/A</b>	<b>79%</b>
Government Furnished Equipment	35210	Structures & Improvements-Bldgs	-	0%	-	0%	-	-	-	-	N/A	N/A
Government Furnished Equipment	35220	Structures & Improvements-Other	-	0%	-	0%	-	-	-	-	N/A	N/A
Government Furnished Equipment	35300	Station Equipment	-	0%	-	0%	5,048	1,300,017	471,959	1,777,023	N/A	N/A
Government Furnished Equipment	35400	Towers & Fixtures	-	0%	-	0%	-	-	-	-	N/A	N/A
Government Furnished Equipment	35510	Wood Poles & Fixtures	-	0%	-	0%	-	-	-	-	N/A	N/A
Government Furnished Equipment	35520	Steel Poles & Fixtures	-	0%	-	0%	-	-	344,960	344,960	N/A	N/A
Government Furnished Equipment	35600	Overhead Conductors	-	0%	-	0%	-	-	-	-	N/A	N/A
Government Furnished Equipment	35700	Underground Conduit	-	0%	-	0%	-	-	-	-	N/A	N/A
Government Furnished Equipment	35800	Underground Conductor (15-35kV)	-	0%	-	0%	-	-	-	-	N/A	N/A
Government Furnished Equipment	39710	SCADA Equipment	-	0%	-	0%	-	-	-	-	N/A	N/A
Government Furnished Equipment	39720	Microwave Equipment	-	0%	-	0%	-	-	-	-	N/A	N/A
Government Furnished Equipment	39760	Fixed Radio Equipment	-	0%	-	0%	-	-	-	-	N/A	N/A
Government Furnished Equipment	39770	Fiber Optics Equipment	-	0%	-	0%	-	-	-	-	N/A	N/A
<b>Government Furnished Equipment</b>			<b>1,875,800</b>	<b>16%</b>	<b>4,363,400</b>	<b>23%</b>	<b>5,048</b>	<b>1,300,017</b>	<b>816,919</b>	<b>2,121,983</b>	<b>113%</b>	<b>49%</b>
Construction	30014	Construction Supervision	-	0%	-	0%	138	-	11,778	11,916	N/A	N/A
Construction	30100	Principal Contract	-	0%	-	0%	-	-	-	-	N/A	N/A
<b>Construction</b>			<b>6,843,405</b>	<b>57%</b>	<b>7,956,800</b>	<b>42%</b>	<b>138</b>	<b>-</b>	<b>11,778</b>	<b>11,916</b>	<b>0%</b>	<b>0%</b>
<b>Commissioning Activity</b>	<b>30021</b>	<b>Commissioning Activity</b>	<b>1,467,900</b>	<b>12%</b>	<b>2,630,300</b>	<b>14%</b>	<b>11,587</b>	<b>-</b>	<b>371,368</b>	<b>382,955</b>	<b>26%</b>	<b>15%</b>
<b>Contingency</b>	<b>N/A</b>	<b>N/A</b>	<b>-</b>	<b>0%</b>	<b>904,500</b>	<b>5%</b>					<b>N/A</b>	<b>0%</b>
<b>Total Project (Excluding IDC)</b>			<b>12,000,000</b>	<b>100%</b>	<b>18,994,500</b>	<b>100%</b>	<b>23,710</b>	<b>1,335,070</b>	<b>2,957,369</b>	<b>4,316,149</b>	<b>36%</b>	<b>23%</b>



# Gila Substation 161-kV Rebuild

## Project Status

- *Reference page 30 in TYP Handout Book*
- Additional Pre-payment funds are requested for FY17 in the amount of \$6,299,184
- WAPA acquired perpetual land rights from Bureau of Land Management
- GFE purchased to date
  - (9) 245kV Power Circuit Breakers
  - 34.5Kv Transformer
  - Steel Pole Structures
  - Protection & Communication Equipment
- Protection & Communication work has completed at Knob, Kofa, Wellton Mohawk Ligurta



# Gila-Knob 161-kV Double Circuit Upgrade

## Budget vs. Execution Summary

Budget vs. Execution Summary					Executed to Date (as of 8/9/2016)					
Category	Original Project Budget	% of Original Budget	Revised Project Budget	% of Revised Budget	Commitments	Obligations	Expenses	Total Executed	% of Original Budget Executed	% of Revised Budget Executed
Administration	148,133	7%	817,300	19%	965	26,294	409,017	436,276	295%	53%
Design	49,235	2%	277,900	6%	142	711	161,162	162,015	329%	58%
Environmental	29,492	1%	123,200	3%	641	-	99,248	99,889	339%	81%
Right-of-Way	-	0%	35,000	1%	508	-	31,047	31,555	N/A	90%
Government Furnished Equipment	540,000	27%	1,304,750	30%	-	1,301,075	3,672	1,304,747	242%	100%
Construction	1,200,000	60%	1,514,950	35%	138	-	3,336	3,474	0%	0%
Commissioning Activity	-	0%	5,650	0%	-	-	-	-	N/A	0%
Contingency	33,140	2%	203,600	5%	-	-	-	-	0%	0%
<b>Total Project (Excluding IDC)</b>	<b>2,000,000</b>	<b>100%</b>	<b>4,282,350</b>	<b>100%</b>	<b>2,393</b>	<b>1,328,080</b>	<b>707,482</b>	<b>2,037,955</b>	<b>102%</b>	<b>48%</b>
Interest During Construction <sup>1/</sup>	N/A	N/A	N/A	N/A	-	-	19,468	19,468	N/A	N/A
<b>Total Project (Including IDC)</b>					<b>2,393</b>	<b>1,328,080</b>	<b>726,950</b>	<b>2,057,423</b>		



# Gila-Knob 161-kV Double Circuit Upgrade Funding Summary

	[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]
<b>Funding Summary</b>				[A+B+C]		[D-E]		[D+G]
Funding	Original Project Budget	Prepayment Adjustments <sup>2/</sup>	Appropriations Adjustments <sup>3/</sup>	Current Project Budget	Total Executed (Excluding IDC)	Remaining Funds	Additional Funds Required <sup>4/</sup>	Revised Project Budget
Prepayment	2,000,000	500,000	-	2,500,000	1,373,416	1,126,584	1,117,811	3,617,811
Appropriations	-	-	664,539	664,539	664,539	-	-	664,539
<b>Total Project Funding</b>	<b>2,000,000</b>	<b>500,000</b>	<b>664,539</b>	<b>3,164,539</b>	<b>2,037,955</b>	<b>1,126,584</b>	<b>1,117,811</b>	<b>4,282,350</b>

- <sup>1/</sup> Interest during construction (IDC) is a non-cash entry which does not impact the project budget, however, it is a cost of the project when the asset is capitalized
- <sup>2/</sup> In accordance with the Prepayment Process MOU, \$500K was reprogrammed from the ED4-ED2 115-kV Transmission Line Rebuild project
- <sup>3/</sup> Appropriated funding was increased due to the use of available construction appropriations in lieu of construction prepayments
- <sup>4/</sup> Please refer to project handout for explanation of project cost increases



# Gila-Knob 161-kV Double Circuit Upgrade

## Budget vs. Execution Detail

Budget vs. Execution Detail							Executed to Date (as of 8/9/2016)					
Category	Task	Task Description	Original Project Budget	% of Original Budget	Revised Project Budget	% of Revised Budget	Commitments	Obligations	Expenses	Total Executed	% of Original Budget Executed	% of Revised Budget Executed
Administration	30001	General Engineering Supply Services	-	0%	-	0%	-	-	94	94	N/A	N/A
Administration	30010	Construction Planning	-	0%	-	0%	-	-	9,218	9,218	N/A	N/A
Administration	30012	Collection of Field Data	-	0%	-	0%	-	-	103,707	103,707	N/A	N/A
Administration	30015	Procurement & Contract Admin	-	0%	-	0%	-	-	6,638	6,638	N/A	N/A
Administration	30016	Safety Inspections	-	0%	-	0%	-	-	-	-	N/A	N/A
Administration	30022	Project Management	-	0%	-	0%	965	26,294	289,360	316,619	N/A	N/A
Administration	30023	Finance Administration	-	0%	-	0%	-	-	-	-	N/A	N/A
<b>Administration</b>			<b>148,133</b>	<b>7%</b>	<b>817,300</b>	<b>19%</b>	<b>965</b>	<b>26,294</b>	<b>409,017</b>	<b>436,276</b>	<b>295%</b>	<b>53%</b>
<b>Design</b>	<b>30013</b>	<b>Design and Specs</b>	<b>49,235</b>	<b>2%</b>	<b>277,900</b>	<b>6%</b>	<b>142</b>	<b>711</b>	<b>161,162</b>	<b>162,015</b>	<b>329%</b>	<b>58%</b>
<b>Environmental</b>	<b>30011</b>	<b>Environmental Activities</b>	<b>29,492</b>	<b>1%</b>	<b>123,200</b>	<b>3%</b>	<b>641</b>	<b>-</b>	<b>99,248</b>	<b>99,889</b>	<b>339%</b>	<b>81%</b>
Right-of-Way	35000	Land & Land Rights	-	0%	-	0%	508	-	31,047	31,555	N/A	N/A
Right-of-Way	35900	Roads & Road Structures	-	0%	-	0%	-	-	-	-	N/A	N/A
<b>Right-of-Way</b>			<b>-</b>	<b>0%</b>	<b>35,000</b>	<b>1%</b>	<b>508</b>	<b>-</b>	<b>31,047</b>	<b>31,555</b>	<b>N/A</b>	<b>90%</b>
Government Furnished Equipment	35210	Structures & Improvements-Bldgs	-	0%	-	0%	-	-	-	-	N/A	N/A
Government Furnished Equipment	35220	Structures & Improvements-Other	-	0%	-	0%	-	-	-	-	N/A	N/A
Government Furnished Equipment	35300	Station Equipment	-	0%	-	0%	-	-	-	-	N/A	N/A
Government Furnished Equipment	35400	Towers & Fixtures	-	0%	-	0%	-	-	-	-	N/A	N/A
Government Furnished Equipment	35510	Wood Poles & Fixtures	-	0%	-	0%	-	-	-	-	N/A	N/A
Government Furnished Equipment	35520	Steel Poles & Fixtures	-	0%	-	0%	-	1,118,650	3,672	1,122,322	N/A	N/A
Government Furnished Equipment	35600	Overhead Conductors	-	0%	-	0%	-	182,425	-	182,425	N/A	N/A
Government Furnished Equipment	35700	Underground Conduit	-	0%	-	0%	-	-	-	-	N/A	N/A
Government Furnished Equipment	35800	Underground Conductor (15-35kV)	-	0%	-	0%	-	-	-	-	N/A	N/A
Government Furnished Equipment	39710	SCADA Equipment	-	0%	-	0%	-	-	-	-	N/A	N/A
Government Furnished Equipment	39720	Microwave Equipment	-	0%	-	0%	-	-	-	-	N/A	N/A
Government Furnished Equipment	39760	Fixed Radio Equipment	-	0%	-	0%	-	-	-	-	N/A	N/A
Government Furnished Equipment	39770	Fiber Optics Equipment	-	0%	-	0%	-	-	-	-	N/A	N/A
<b>Government Furnished Equipment</b>			<b>540,000</b>	<b>27%</b>	<b>1,304,750</b>	<b>30%</b>	<b>-</b>	<b>1,301,075</b>	<b>3,672</b>	<b>1,304,747</b>	<b>242%</b>	<b>100%</b>
Construction	30014	Construction Supervision	-	0%	-	0%	138	-	3,175	3,313	N/A	N/A
Construction	30100	Principal Contract	-	0%	-	0%	-	-	161	161	N/A	N/A
<b>Construction</b>			<b>1,200,000</b>	<b>60%</b>	<b>1,514,950</b>	<b>35%</b>	<b>138</b>	<b>-</b>	<b>3,336</b>	<b>3,474</b>	<b>0%</b>	<b>0%</b>
<b>Commissioning Activity</b>	<b>30021</b>	<b>Commissioning Activity</b>	<b>-</b>	<b>0%</b>	<b>5,650</b>	<b>0%</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>N/A</b>	<b>0%</b>
<b>Contingency</b>	<b>N/A</b>	<b>N/A</b>	<b>33,140</b>	<b>2%</b>	<b>203,600</b>	<b>5%</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0%</b>	<b>0%</b>
<b>Total Project (Excluding IDC)</b>			<b>2,000,000</b>	<b>100%</b>	<b>4,282,350</b>	<b>100%</b>	<b>2,393</b>	<b>1,328,080</b>	<b>707,482</b>	<b>2,037,955</b>	<b>102%</b>	<b>48%</b>



# Gila-Knob 161-kV Double Circuit Upgrade

## Project Status

- *Reference page 36 in TYP Handout Book*
- Equipment purchased to date:
  - Steel pole Structures
  - Overhead conductor
- ROW acquisition completed
- Construction design & specifications are complete
- Construction contract solicitation was issued, then canceled due to magnitude of bid estimates
- WAPA estimates additional pre-payment funds in the amount of \$1,117,811 will be requested for FY17. This figure is subject to change based upon active evaluation of the design package.



# FY17 STRATEGIC STUDY OVERVIEW

## Gila-Wellton Mohawk 161kV Rebuild (Interstate 8 Crossing / Telegraph Pass)

- Project Process
  - AoA Completed
  - Design & Planning
  - Request Additional Project Funding
  - Project Actuals vs Estimates
- AoA Study



# Prepayment Funding Overview

**Prepayment Advances:** Long-term firm transmission customers of Parker-Davis and Intertie Projects are billed one month in advance of service

- WAPA is authorized by the Contributed Funds Act to accept advances
- WAPA named these advances “prepayments” to avoid confusion with other contractual advancing programs such as the P-DP Advancement of Funds (AOF)
- Prepayment advances are available for construction projects and treated as if the source of funds had been specifically appropriated



# Prepayment Funding Overview

**Prepayment Process:** DSW will hold the annual Prepayment Funding Meeting on October 4, 2016, to vote on the funding of proposed projects. Per the Memorandum of Understanding No. 10-DSR-12175 (MOU), Section 5:

- Each participant that has signed the MOU will have one vote
- Approval requires an affirmative vote of greater than fifty 50 percent of votes received by the close of the meeting (during the meeting, via e-mail, or by proxy)
- Multi-year projects in the Prepayment Funding Plan will be approved for the total funding of the project



# TEN-YEAR PLAN NEXT STEPS

- Review Action New Action Items
- Fiscal Year 2017 Budget Overview/Pre-payment Vote
  - October 4<sup>th</sup> 2016
  - Desert Southwest Region Phoenix, Arizona



# THANK YOU

