



2009 Capital Budget Division Summary

Expenses Division Summary_CapitalMultiYear_Prompt
Version: Final

	2009 Budget
709620 PRJ - Irrigation Management System	294,000
709621 PRJ - District Copiers	180,000
709622 PRJ - Computer System Monitoring and Intrusion Detection	175,000
709623 PRJ - MTS-5000 Test Equip Softw	100,000
707302 PRJ - Radio System Implementation	1,470,175
7XX101 PRJ - Server Hardware/Software	470,000
7XX102 PRJ - Network Hardware/Software	110,000
7XX103 PRJ - Printers/Scanners/Projector	25,000
708504 PRJ - Work Mgmt System Repl	305,000
708506 PRJ - Backup Data and Control Ctr	450,000
708507 PRJ - Automated Records Retention	119,000
CAP - 4010 CAP - Information Technology	3,698,175
CAP - 40 CAP - INFORMATION TECHNOLOGY DIVISION	\$3,698,175



2009 Capital Budget *Project Detail*

Division: INFORMATION TECHNOLOGY DIVISION
Project Number: 709620

Department: 4010 Information Technology
Project Title: PRJ - Irrigation Management System

Carry-Over Capital		2009 Budget	
Approved Budget in Prior Year	0	Labor & Benefits	0
Estimated Year End Totals	0	Materials & Supplies	65,000
Authorized Amount to be Carried Over	0	Outside Services	101,000
Additional Amount Requested in Current Budget	294,000	Seminars & Meetings	0
Total Budget to be Expended in Current Year	294,000	Administrative & General	128,000
Estimated Amount Required in Future Budget Cycles	0	MID Equipment	0
Total Project Budget Inception to Completion	294,000	Totals	294,000

Project Description Software for managing irrigation water data collection.

Project Justification Current process of water data collection is manual and incorporates time consuming validation. New system will streamline data collection and improve customer access.

Applicable Policy District Mission Technology Goal; Information Technology Department Mission.



2009 Capital Budget *Project Detail*

Division: INFORMATION TECHNOLOGY DIVISION
Project Number: 709621

Department: 4010 Information Technology
Project Title: PRJ - District Copiers

Carry-Over Capital		2009 Budget	
Approved Budget in Prior Year	0	Labor & Benefits	0
Estimated Year End Totals	0	Materials & Supplies	0
Authorized Amount to be Carried Over	0	Outside Services	180,000
Additional Amount Requested in Current Budget	180,000	Seminars & Meetings	0
Total Budget to be Expended in Current Year	180,000	Administrative & General	0
Estimated Amount Required in Future Budget Cycles	0	MID Equipment	0
Total Project Budget Inception to Completion	180,000	Totals	180,000

Project Description Planned replacement of District copiers.

Project Justification Reproduction of District documentation is required to provide information and maintain District operations. Current copier lease expires in 2009

Applicable Policy District Mission Technology Goal; Information Technology Department Mission.



2009 Capital Budget *Project Detail*

Division: INFORMATION TECHNOLOGY DIVISION
Project Number: 709622

Department: 4010 Information Technology
Project Title: PRJ - Computer System Monitoring and Intrusion Detection

Carry-Over Capital	2009 Budget
Approved Budget in Prior Year	0
Estimated Year End Totals	0
Authorized Amount to be Carried Over	0
Additional Amount Requested in Current Budget	175,000
Total Budget to be Expended in Current Year	175,000
Estimated Amount Required in Future Budget Cycles	425,000
Total Project Budget Inception to Completion	600,000
	Labor & Benefits
	0
	Materials & Supplies
	0
	Outside Services
	75,000
	Seminars & Meetings
	0
	Administrative & General
	100,000
	MID Equipment
	0
	Totals
	175,000

Project Description Implementation of security software and hardware to detect unauthorized access to District electronic data systems.

Project Justification To maintain the highest level of security for the District's computer hardware and software as required by NERC Reliability Standards.

Applicable Policy District Mission Technology Goal; Information Technology Department Mission. NERC CIP-005 Electronic Security Perimeter(s) and CIP-007 Systems Security Management.



2009 Capital Budget *Project Detail*

Division: INFORMATION TECHNOLOGY DIVISION
Project Number: 709623

Department: 4010 Information Technology
Project Title: PRJ - MTS-5000 Test Equip Softw

Carry-Over Capital		2009 Budget	
Approved Budget in Prior Year	0	Labor & Benefits	0
Estimated Year End Totals	0	Materials & Supplies	0
Authorized Amount to be Carried Over	0	Outside Services	0
Additional Amount Requested in Current Budget	100,000	Seminars & Meetings	0
Total Budget to be Expended in Current Year	100,000	Administrative & General	100,000
Estimated Amount Required in Future Budget Cycles	0	MID Equipment	0
Total Project Budget Inception to Completion	100,000	Totals	100,000

Project Description Purchase of Manta MST-5000 software to interface with relay testing equipment and the District's new maintenance software package CASCADE.

Project Justification This software will bridge relay testing data with the new CASCADE maintenance software to improve maintenance and repair schedule therefore reducing overall equipment outages.

Applicable Policy District Mission Technology Goal; Information Technology Department Mission.



2009 Capital Budget *Project Detail*

Division: INFORMATION TECHNOLOGY DIVISION
Project Number: 707302

Department: 4010 Information Technology
Project Title: PRJ - Radio System Implementation

Carry-Over Capital		2009 Budget	
Approved Budget in Prior Year	900,000	Labor & Benefits	0
Estimated Year End Totals	28,175	Materials & Supplies	128,175
Authorized Amount to be Carried Over	871,825	Outside Services	470,000
Additional Amount Requested in Current Budget	598,175	Seminars & Meetings	0
Total Budget to be Expended in Current Year	1,470,000	Administrative & General	0
Estimated Amount Required in Future Budget Cycles	1,300,000	MID Equipment	0
Total Project Budget Inception to Completion	2,798,175	Totals	598,175

Project Description Replacement of the District's existing Mobile Radio System.

Project Justification In addition to normal daily operational usage the District's radio system will provide critical communications during a disaster when the public network is not available.

Applicable Policy Information Technology Department Mission. NERC standard COM-001 R1 redundant communications. NERC EOP-008 R1 Plans for loss of Control Center Functionality.



2009 Capital Budget *Project Detail*

Division: INFORMATION TECHNOLOGY DIVISION
Project Number: 7XX101

Department: 4010 Information Technology
Project Title: PRJ - Server Hardware/Software

Carry-Over Capital		2009 Budget	
Approved Budget in Prior Year	400,000	Labor & Benefits	0
Estimated Year End Totals	400,000	Materials & Supplies	470,000
Authorized Amount to be Carried Over	0	Outside Services	0
Additional Amount Requested in Current Budget	470,000	Seminars & Meetings	0
Total Budget to be Expended in Current Year	470,000	Administrative & General	0
Estimated Amount Required in Future Budget Cycles	1,600,000	MID Equipment	0
Total Project Budget Inception to Completion	2,470,000	Totals	470,000

Project Description Planned replacement of computer server hardware software and related server equipment. Systems/equipment includes: servers; disk drives; memory; host bus adapters; fiber switches; UPS units and other related systems/equipment.

Project Justification To maintain the District's technology infrastructure replace or upgrade equipment based on functional reliability availability cost-effectiveness application required or redundancy. Recycle technology elsewhere in the District whenever feasible.

Applicable Policy District Mission



2009 Capital Budget *Project Detail*

Division: INFORMATION TECHNOLOGY DIVISION
Project Number: 7XX102

Department: 4010 Information Technology
Project Title: PRJ - Network Hardware/Software

Carry-Over Capital		2009 Budget	
Approved Budget in Prior Year	20,000	Labor & Benefits	0
Estimated Year End Totals	20,000	Materials & Supplies	110,000
Authorized Amount to be Carried Over	0	Outside Services	0
Additional Amount Requested in Current Budget	110,000	Seminars & Meetings	0
Total Budget to be Expended in Current Year	110,000	Administrative & General	0
Estimated Amount Required in Future Budget Cycles	245,000	MID Equipment	0
Total Project Budget Inception to Completion	375,000	Totals	110,000

Project Description Planned replacement of network hardware and software such as routers; switches and other related equipment.

Project Justification Replace or upgrade based on functional reliability

Applicable Policy District Mission



2009 Capital Budget *Project Detail*

Division: INFORMATION TECHNOLOGY DIVISION
Project Number: 7XX103

Department: 4010 Information Technology
Project Title: PRJ - Printers/Scanners/Projector

Carry-Over Capital		2009 Budget	
Approved Budget in Prior Year	25,000	Labor & Benefits	0
Estimated Year End Totals	25,000	Materials & Supplies	25,000
Authorized Amount to be Carried Over	0	Outside Services	0
Additional Amount Requested in Current Budget	25,000	Seminars & Meetings	0
Total Budget to be Expended in Current Year	25,000	Administrative & General	0
Estimated Amount Required in Future Budget Cycles	130,000	MID Equipment	0
Total Project Budget Inception to Completion	180,000	Totals	25,000

Project Description Planned replacement of computer peripheral and related systems equipment. Systems/equipment includes: printers; plotters; scanners; projectors and other related systems/equipment.

Project Justification Replace or upgrade based on functional reliability; availability; cost-effectiveness; application required; or redundancy to support District operations. Recycle technology elsewhere in the District whenever feasible.

Applicable Policy District Mission, Technology Goal; Information Technology Department Mission. NERC Security Guidelines for Electric Sector: Continuity of Business Processes.



2009 Capital Budget *Project Detail*

Division: INFORMATION TECHNOLOGY DIVISION
Project Number: 708504

Department: 4010 Information Technology
Project Title: PRJ - Work Mgmt System Repl

Carry-Over Capital		2009 Budget	
Approved Budget in Prior Year	100,000	Labor & Benefits	0
Estimated Year End Totals	45,000	Materials & Supplies	200,000
Authorized Amount to be Carried Over	55,000	Outside Services	50,000
Additional Amount Requested in Current Budget	250,000	Seminars & Meetings	0
Total Budget to be Expended in Current Year	305,000	Administrative & General	0
Estimated Amount Required in Future Budget Cycles	0	MID Equipment	0
Total Project Budget Inception to Completion	350,000	Totals	250,000

Project Description Purchase and implementation of a Work Management System (WMS) for work order processing and management.

Project Justification The District's current Work Order Automation application (vendor unsupported) is unstable continually requiring labor resources to repair. Its limited functionality cannot interact with District applications thus requiring duplicative and manual work.

Applicable Policy District Mission, Technology Goal; Information Technology Department Mission.



2009 Capital Budget *Project Detail*

Division: INFORMATION TECHNOLOGY DIVISION
Project Number: 708506

Department: 4010 Information Technology
Project Title: PRJ - Backup Data and Control Ctr

Carry-Over Capital	2009 Budget
Approved Budget in Prior Year	0
Estimated Year End Totals	400,000
Authorized Amount to be Carried Over	0
Additional Amount Requested in Current Budget	0
Total Budget to be Expended in Current Year	0
Estimated Amount Required in Future Budget Cycles	0
Total Project Budget Inception to Completion	400,000
	Labor & Benefits
	Materials & Supplies
	Outside Services
	Seminars & Meetings
	Administrative & General
	MID Equipment
	<u>Totals</u>

Project Description Construction of a Backup Data and Operations Control Center building.

Project Justification In the event of a disaster a backup and control center will reduce restoration time. This Backup Control and Data Center will provide a location for operations personnel during a disaster as required by NERC EOP-008.

Applicable Policy Information Technology Department Mission. NERC EOP-008 R1 Plans for loss of Control Center Functionality. NERC Security Guidelines for the Electricity Sector: Continuity of Business Processes. "maintain critical operations".



2009 Capital Budget *Project Detail*

Division: INFORMATION TECHNOLOGY DIVISION
Project Number: 708507

Department: 4010 Information Technology
Project Title: PRJ - Automated Records Retention

Carry-Over Capital		2009 Budget	
Approved Budget in Prior Year	220,000	Labor & Benefits	0
Estimated Year End Totals	101,000	Materials & Supplies	0
Authorized Amount to be Carried Over	119,000	Outside Services	0
Additional Amount Requested in Current Budget	0	Seminars & Meetings	0
Total Budget to be Expended in Current Year	119,000	Administrative & General	0
Estimated Amount Required in Future Budget Cycles	0	MID Equipment	0
Total Project Budget Inception to Completion	220,000	Totals	0

Project Description Installation of a Records Management software module into the District's current document management software.

Project Justification Records Management provides the tool to integrate a document retention policy within the District's current document management software. Records Management reduces time and effort managing documents to meet regulatory and District retention requirements.

Applicable Policy District Mission, Technology Goal; Information Technology Department Mission.