

**MERCED IRRIGATION DISTRICT**

**WATER OPERATIONS**

**Summary**

(Included Water Utility, SJRA Fund, Water Transfers  
& Water Utility Facilities Improvement)

	<b>2009</b>		
	<b>2009</b>	<b>2008</b>	<b>Budget</b>
	<b>Budget</b>	<b>Budget</b>	<b>(Dry Yr) Vs.</b>
	<b>(Dry Year)</b>	<b>Budget</b>	<b>2008</b>
	<b>Budget</b>	<b>Budget</b>	<b>Budget</b>
<b>Cash Flow before Adjustments</b>			
Add: Depreciation and Amortization	1,232,899	1,167,060	(65,839)
Add: Bond Interest Expense	322,823	-	(322,823)
Add: COP Rent Expenses	-	1,087,180	1,087,180
<b>Net Revenue</b>	<b>2,020,242</b>	<b>2,209,630</b>	<b>(189,388)</b>
Debt Coverage	2.33	2.16	(1.20)
Debt Coverage Overage / (Shortfall)	979,683	979,414	(379,044)
<b>Cash Flow Adjustments from Net Income:</b>			
Add: Depreciation and Amortization	1,232,899	1,167,060	(65,839)
Add: Bond Interest Expense	322,823	-	(322,823)
Add: COP Rent Expense	-	1,087,180	1,087,180
Add: Electric Services Cash Allocation	-	625,000	625,000
Add: Pumping Augmentation from Reserve	-	2,000,000	2,000,000
Deduct: FAS 71 Deferred Revenue	(3,000,000)	(4,000,000)	(1,000,000)
Deduct: Debt Service	(867,133)	(1,025,180)	(158,047)
Deduct: Principal Portion of Debt	-	(329,806)	(329,806)
<b>CASH FLOW (DEFICIT)</b>	<b>(1,846,891)</b>	<b>(520,356)</b>	<b>(1,326,535)</b>
<b>BEFORE CAPITAL ITEMS</b>	<b>(1,846,891)</b>	<b>(520,356)</b>	<b>(1,326,535)</b>
<b>Capital Items:</b>			
Deduct: Capital Equipment	(330,278)	(142,500)	187,778
Deduct: Capital Projects	(656,662)	(313,600)	343,062
<b>CASH FLOW (DEFICIT)</b>	<b>(2,833,831)</b>	<b>(976,456)</b>	<b>(1,857,375)</b>

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**Summary**

(Included Water Utility, SJRA Fund, Water Transfers  
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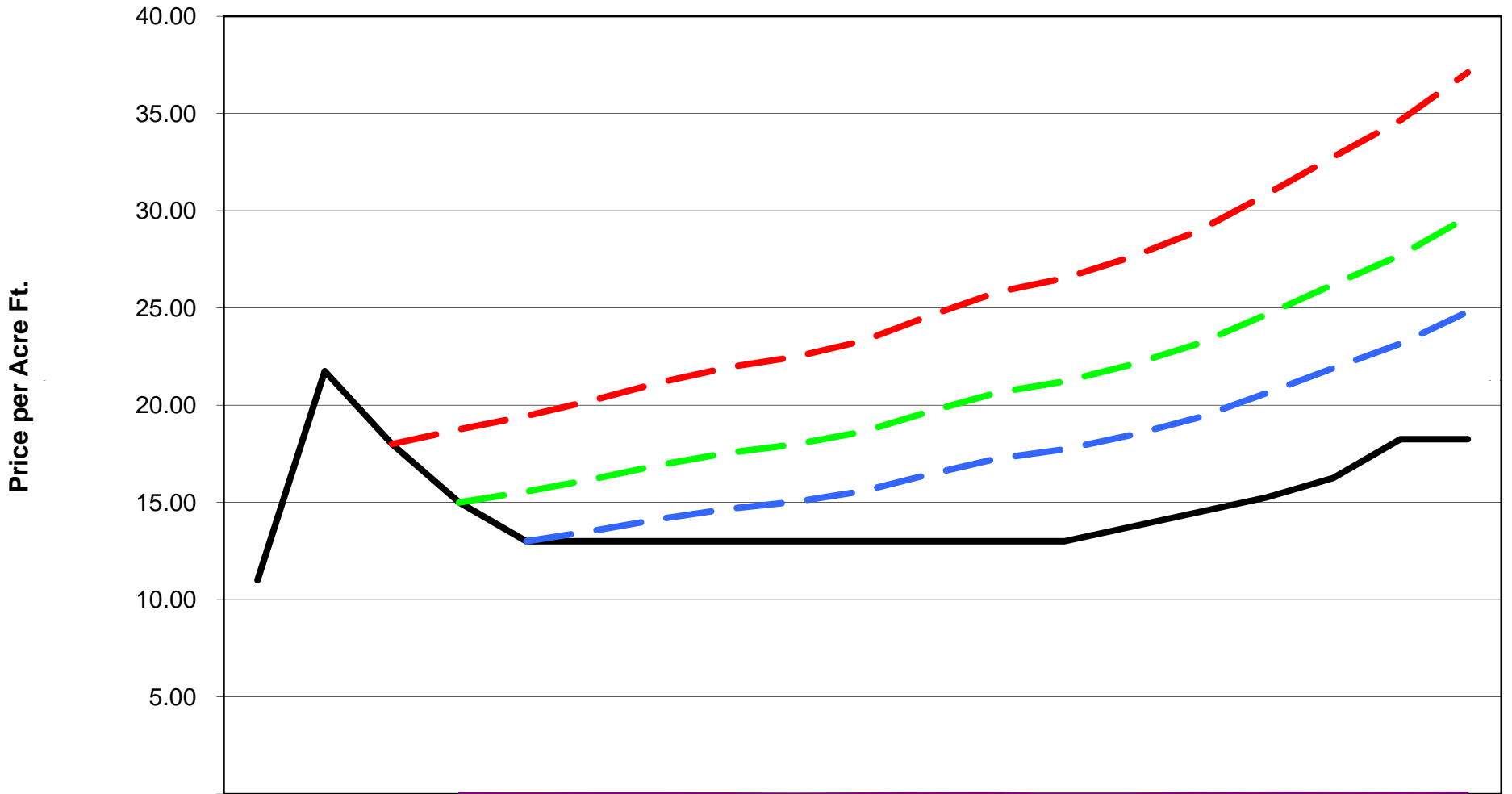
**Unrestricted Cash Balance**

Estimated Beginning Year  
(Including Rate Stabilization Fund)  
Net Activity  
**UNRESTRICTED CASH BALANCE**  
**END OF YEAR**

	<b>2009</b>		<b>2009</b>
	<b>Budget</b>	<b>2008</b>	<b>Budget</b>
	<b>(Dry Year)</b>	<b>Budget</b>	<b>(Dry Yr) Vs.</b>
			<b>2008</b>
			<b>Budget</b>
	15,874,515		
	<u>(2,833,831)</u>		
	<u>13,040,684</u>		



## MID Historical Water Rates / CPI



	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
— MID Water Rate	11.00	21.75	18.00	15.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.75	14.50	15.25	16.25	18.25	18.25
— CPI				4.2%	3.7%	4.20%	4.50%	3.60%	2.50%	3.60%	5.60%	4.90%	2.80%	4.10%	4.90%	6.40%	6.30%	5.74%	7.09%
— CPI Rate 1992			18.00	18.76	19.45	20.27	21.18	21.94	22.49	23.30	24.60	25.81	26.53	27.62	28.97	30.83	32.77	34.65	37.11
— CPI Rate 1993				15.00	15.56	16.21	16.94	17.55	17.99	18.63	19.68	20.64	21.22	22.09	23.17	24.65	26.21	27.71	29.68
— CPI Rate 1994					13.00	13.55	14.16	14.67	15.03	15.57	16.45	17.25	17.73	18.46	19.37	20.60	21.90	23.16	24.80

**Merced Irrigation District  
2009 Water Operations Capital Equipment**

<u>Equipment/Vehicle</u>	<u>Department</u>	<u>Replaces/New</u>	<u>Dry Year</u>
5 - 1/2/ Ton Pickups	Irrigation Operation	DSO Pickups	\$ 102,500.00
1 - 4X4 1/2 Ton Pickup	Irrigation Operation	# 777 Transfer To Parks	23,500.00
1 - 4X4 Truck Diesel / Cab An Chassis	Weed	699	40,000.00
1 - 4X4 Truck Diesel / Cab An Chassis	Weed	719	40,000.00
2 - Group 3 14000 Gvw Above Diesel Retrofit	Construction	653 , 654	68,000.00
1 - Tier 1 Off Road Diesel Retrofit	Construction	Ex-2 To Receive Double Credit	20,278.00
1 - Card Lock Yard Fuel Tanks	Fleet Operations	Link To Squarigger	18,000.00
1 - 20,000 Lb Truck Lift	Fleet Operations	Gray Lift, Rotary	18,000.00
		<b>Total For Water Utility</b>	<b><u>\$ 330,278.00</u></b>
1 - 60' LONG REACH EXCAVATOR	STORM DRAINAGE	NEW	\$ 235,803.00
		<i>Total For Storm Drainage</i>	<b><u>\$ 235,803.00</u></b>

## Merced Irrigation District 2009 Water Operations Capital Projects

### Pipeline Replacements

Name Of Canal	Type Work	Pipe Footage	Cost per		Existing Pipe	Replacement Size	Location of Pipe	Dry Year
			Foot					
Fairfield C	Enlargement	400			36" Conc. Joint	to be determined	crossing under Bear Creek	
Booster 16	Replacement	1300	\$88.00		16 in jointed pipe	15 PVC	From Booster 16 to Hainline Rd.	114,400
2009 Total								114,400

Note: Pipe for project 1 is in stock at Franklin Yard, was originally purchased for the Well 42A Pipeline, and can be used for this job.  
We do not want to hold the 15" PVC pipe over for an additional year.

### Road Crossing Replacements

Name Of Canal	Type Work	Pipe Footage	Cost per		Existing Pipe	Replacement Size	Location of Pipe	Dry Year
			Foot					
Crane	Replacement	107	\$86.00		( 1 ) 24 in jointed	24 RCP	Crane Lat. under Amsterdam Rd.	\$ 9,202.00
Martin-B	Replacement	60	\$106.00		( 1 ) 36 in jointed	36 RCP	Martin-B Lat. at Longview Ave.	6,360.00
2009 Total								\$ 15,562.00

Note: Pipe for projects 1 and 3 is in stock at Franklin Yard, these can be treated as maintenance not capital projects.

Note: There are a large number of crossings in the El Nido Canal system that require replacement and enlargement that will be added to the list

### 2008-2009 MIDDID#1 Approved Budget Capital Projects

Name Of Canal	Type Work	Location	Estimated Project Cost	MIDDID#1 Cost	Dry Year
Bradley Lat. B	Replacement	Spill Pipeline S. Olive Ave.	\$ 70,000.00	\$ 13,300.00	\$ 56,700.00
Watson Lat.	New Pipeline	Pipeline open canal upstr. Liv. Cressey Rd.	100,000.00	30,000.00	70,000.00
			\$ 170,000.00	\$ 43,300.00	\$ 126,700.00
				<b>Total</b>	<b>256,662</b>

## Merced Irrigation District 2009 SJRA Capital Projects

<u>Category</u>	<u>Facility</u>	<u>Project</u>	<u>Description</u>	<u>Dry Year</u>
Recharge Basins	Cressey Basin	Cressey Basin	Complete design and CEQA	\$ 25,000
System Wide	EDMS	GIS Phase 2	Obtain Aerial Photos, Develop Data Model, Begin Mapping	70,000
Dean Canal Interceptor System	Hartley Lateral	Modify LCW	Modify LCW at inlet to pipeline spilling El Capitan Canal	15,000
El Nido Canal Interceptor System	Tuttle Lateral	Tuttle Lateral Extension to the Vaughn Lateral, Phase 1	Connect the Tuttle Lateral to the Vaughn Lateral. Phase 1 includes cost share portion (1,600 LF) with grower, Phase 2 includes remaining route (2,500 LF).	160,000
In-Lieu Recharge Projects	Incentive Programs	Incentive Programs	MID Groundwater Conservation Incentive Program, and Surface Water Incentive Program	100,000
Dean Canal Interceptor System	Hartley Lateral and Zentner Lateral Spill	Modify Zentner Lateral Spill to Hartley Lateral	Construct a LCW in Hartley Lateral at Zentner Spill	30,000
<b>Total 2009 Capital Projects</b>				<u><u>\$ 400,000</u></u>

## 2009 Electric Services Budget Assumptions

1. Power costs are based on forward prices of 11/6/08.
2. No increases above the September 2008 surcharge are budgeted
3. \$650,000 of 2006 FAS 71 deferred expense is budgeted.
4. 2% load growth projected

**MERCED IRRIGATION DISTRICT  
ELECTRIC SERVICES  
Revenue Summary**

	<b>2009 Budget (Dry Year)</b>	<b>2008 Budget</b>	<b>2009 Budget (Dry Yr) Vs. 2008 Budget</b>
Electric Sp. Customer Rate Revenue	8,685,020	7,843,951	841,069
Sales of Electric Revenue	37,125,844	33,427,257	3,698,587
Other Electric Charge Revenue	7,241,033	7,145,742	95,291
Electric Svc - Public Purpose Revenue	2,065,053	1,928,744	136,309
Electric Svc - Misc Electric Fee Revenue	101,400	112,180	(10,780)
Recovery of expenses	91,187	65,760	25,427
Misc Other Operating Revenue	40,500	37,800	2,700
Interest Revenue	237,482	522,454	(284,972)
Contributed Revenue	-	1,044,000	(1,044,000)
<b>Grand Total</b>	<b>55,587,519</b>	<b>52,127,888</b>	<b>3,459,631</b>

**MERCED IRRIGATION DISTRICT**  
**ELECTRIC SERVICES**  
**Fund 104- Summary**

	<b>2009</b>		<b>2009</b>
	<b>Budget</b>		<b>Budget</b>
	<b>(Dry Year)</b>	<b>2008</b>	<b>(Dry Yr) Vs.</b>
	<b>Budget</b>	<b>Budget</b>	<b>2008</b>
	<b>Budget</b>		<b>Budget</b>
<b>REVENUE</b>	<b>55,587,519</b>	<b>52,127,888</b>	<b>3,459,631</b>
<b>EXPENSES</b>			
Salaries	2,429,184	2,713,835	284,651
Employee Benefits	1,234,160	1,253,353	19,193
Salaries & Employee Benefits Subtotal	<u>3,663,344</u>	<u>3,967,188</u>	<u>303,844</u>
Operating Services	481,460	387,662	(93,798)
Operating Supplies	549,180	502,911	(46,269)
Safety	67,706	72,860	5,154
Employee Development	100,212	89,032	(11,180)
Utilities	6,640	4,560	(2,080)
Rents & Leases	15,880	14,568	(1,312)
Permission Fee	1,059,553	960,357	(99,196)
Public Purpose Program	1,747,361	1,727,775	(19,586)
Cost of Power	37,417,811	35,438,547	(1,979,264)
Power Transmission	774,408	810,642	36,234
Ancillary Services	123,480	263,664	140,184
Depreciation & Amortization	2,503,616	2,688,192	184,576
Legal Fees	181,600	350,000	168,400
Outside Professional Services	502,224	491,850	(10,374)
Damage Claims & Prop Insurance	101,517	120,579	19,062
Misc Operating Expense (Including Bad Debt)	345,200	54,000	(291,200)
Interest / Amortization Expense	4,878,318	4,877,572	(746)
Inter-Fund Transfers	(58,565)	45,526	104,091