

Power Management FY2018 Budget Presentation

**Facilities Committee Meeting
March 15, 2017**

Summary

- Power Management Program
 - PM program costs increase by 2.48% ~~3.96%~~
 - PM business unit budgeted staffing levels are unchanged (25 FTE's)
 - Utilizing one vacant FTE for PT Intern position
 - Programmatic work areas unchanged

- Direct Charge Programs Funded in FY2017 Continue
 - Market Purchase Program
 - Gas Purchase Program
 - Green Power Project (program terminated/supporting finished projects)
 - Fuel Acquisition and Management

- Judicial Action Program
 - Overall funding held constant (\$575k)
 - Western effort reduced to (\$20k)
 - CAISO effort unchanged, budget reduced to (\$390k)
 - Refund effort reduced to (\$15k)
 - PG&E effort increased to (\$150K)

Changes Since Last Review

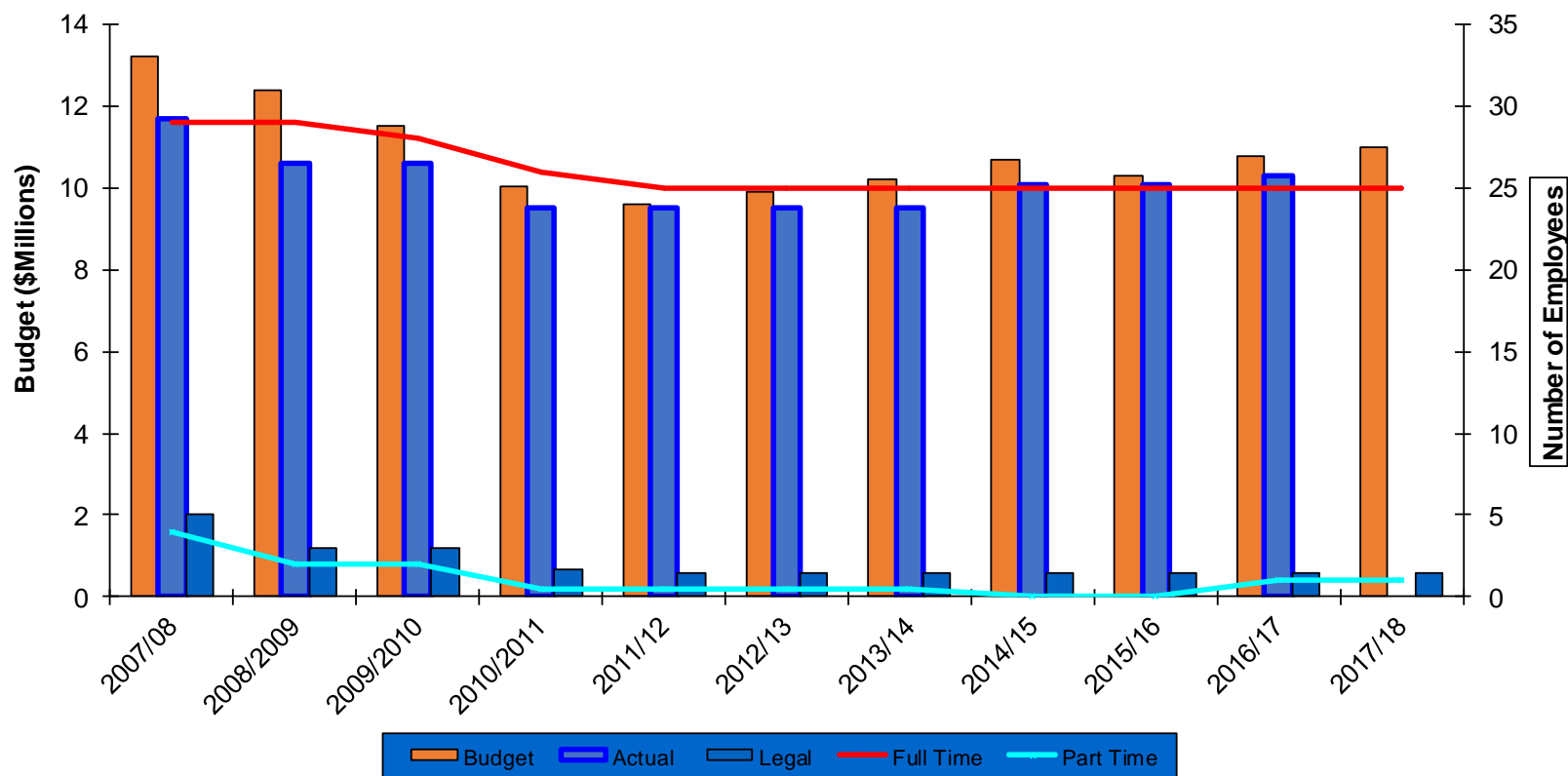
	Administration	SCALD	Forecasting, Pooling, Preschedule & Trading	Restructuring & Regulatory Affairs	Contracts, Interconnect Services & External Affairs	Subtotal Power Management Program	Risk Management	Settlements	Total Power Management Allocated
March 15 Review Totals	\$ 621,149	\$ 5,855,886	\$ 2,642,936	\$ 423,320	\$ 1,149,510	\$ 10,071,652	\$ 204,829	\$ 772,841	\$ 11,049,322
February 15 Review Totals	\$ 630,662	\$ 5,910,069	\$ 2,680,505	\$ 425,502	\$ 1,206,313	\$ 10,222,389	\$ 206,419	\$ 778,015	\$ 11,206,823
Reductions since last review	\$ (9,513)	\$ (54,183)	\$ (37,569)	\$ (2,182)	\$ (56,803)	\$ (150,737)	\$ (1,590)	\$ (5,174)	\$ (157,501)

Note: Admin values are included (through PM liquidations) to all PM programs shown above. The Admin values are shown for info/comparison purposes only.

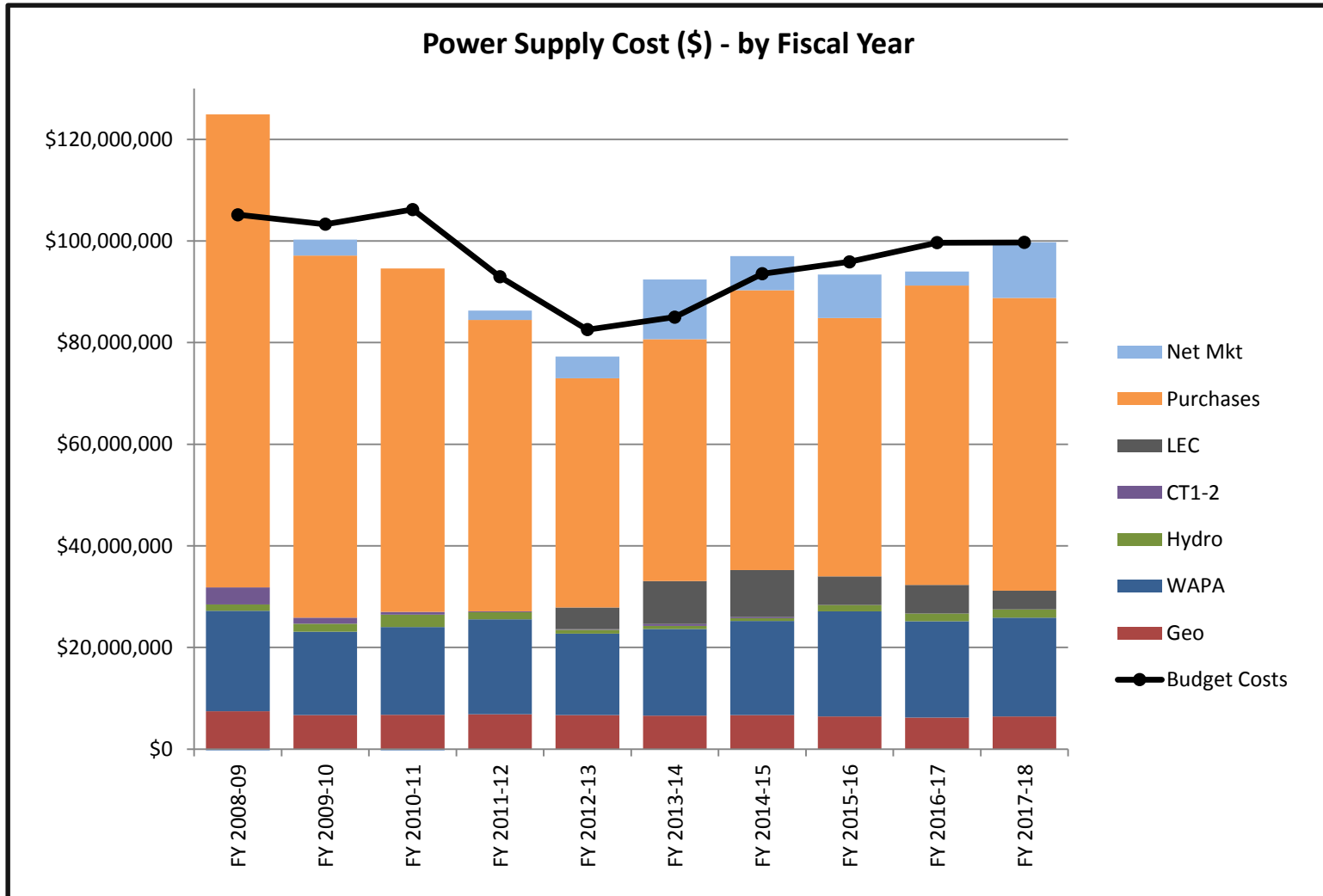
Focus Areas for FY18

- New Member/New Services Integration and Development
 - MEID/PCWA/Placer CCE/Shasta Lake
- CAISO Market Initiatives
 - EIM/Regional CAISO Expansion
 - Transmission Access Charge Billing Determinate Design
 - Bid Cost Recovery/Market Uplift Charges
- Comprehensive Load/Resource Balance, RPS, GHG, Capacity reporting to members
 - SB 350 planning and implementation issues
- Communications/Reporting (NCPA Connect)

Historical Staffing, Budget and Expenditure Levels



Historical Power Supply Costs (Pool)



SUMMARY OF POWER MANAGEMENT REVENUES AND EXPENSES FOR FY 2018									
	Administration	SCALD	Forecasting, Pooling, Preschedule & Trading	Restructuring & Regulatory Affairs	Contracts, Interconnect Services & External Affairs	Subtotal Power Management Program	Risk Management	Settlements	Total Power Management Allocated
Power Management Direct Costs									
Salaries and Benefits	\$ 556,659	\$ 2,976,962	\$ 1,545,584	\$ 262,988	\$ 790,508	\$ 6,132,701	\$ -	\$ -	\$ 6,132,701
Materials, Supplies and Services	\$ 64,490	\$ 138,200	\$ 266,906	\$ 58,839	\$ 65,035	\$ 593,470	\$ -	\$ -	\$ 593,470
Capital Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PM Admin Liquidations		\$ 346,754	\$ 157,991	\$ 25,726	\$ 68,388	\$ 22,290			
Subtotal	\$ 621,149	\$ 3,461,916	\$ 1,970,481	\$ 347,553	\$ 923,931	\$ 6,748,461	\$ -	\$ -	\$ 6,748,461
Direct Charges from Others									
Information Systems Salaries & Benefits	\$ -	\$ 945,877	\$ 163,968	\$ -	\$ -	\$ 1,109,845	\$ -	\$ 124,901	\$ 1,234,746
Combustion Turbine Salaries & Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Accounting & Finance Salaries & Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 117,050	\$ -	\$ 117,050
Administrative Services Salaries & Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,944	\$ -	\$ 11,944
Power Accounts Administration Salaries & Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 450,494	\$ 450,494
Materials, Supplies and Services	\$ -	\$ 276,847	\$ -	\$ -	\$ -	\$ 276,847	\$ 94,250	\$ 5,280	\$ 376,377
Subtotal	\$ -	\$ 1,222,724	\$ 163,968	\$ -	\$ -	\$ 1,386,692	\$ 223,244	\$ 580,675	\$ 2,190,611
Administrative and General									
Administrative	\$ -	\$ 1,027,130	\$ 448,858	\$ 67,709	\$ 199,236	\$ 1,742,933	\$ 36,650	\$ 163,443	\$ 1,943,026
General	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal	\$ -	\$ 1,027,130	\$ 448,858	\$ 67,709	\$ 199,236	\$ 1,742,933	\$ 37,460	\$ 163,443	\$ 1,943,836
Occupancy Costs									
HQ Main Building	\$ -	\$ 152,682	\$ 63,710	\$ 8,912	\$ 28,661	\$ 253,965	\$ 4,553	\$ 30,259	\$ 288,777
HQ Credit	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal	\$ -	\$ 152,682	\$ 63,710	\$ 8,912	\$ 28,661	\$ 253,965	\$ 4,553	\$ 30,259	\$ 288,777
Revenue									
Interest Income	\$ -	\$ (8,566)	\$ (4,081)	\$ (854)	\$ (2,318)	\$ (15,819)	\$ (2,006)	\$ (1,536)	\$ (19,361)
Scheduling Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Services for Others	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (58,422)	\$ -	\$ (58,422)
Subtotal	\$ -	\$ (8,566)	\$ (4,081)	\$ (854)	\$ (2,318)	\$ (15,819)	\$ (60,428)	\$ (1,536)	\$ (77,783)
Total	\$ 621,149	\$ 5,855,886	\$ 2,642,936	\$ 423,320	\$ 1,149,510	\$ 10,692,801	\$ 204,829	\$ 772,841	\$ 11,093,902
PM Admin Liquidations to PM Allocated Portion	\$ (621,149)					\$ (621,149)			
Total	\$ -	\$ 5,855,886	\$ 2,642,936	\$ 423,320	\$ 1,149,510	\$ 10,071,652	\$ 204,829	\$ 772,841	\$ 11,093,902
Comparative Analysis									
PM Salary & Benefits as Percent of Total	89.62%	50.84%	58.48%	62.13%	68.77%	60.89%	0.00%	0.00%	55.28%
PM Mat, Supps & Svcs as Percent of Total	10.38%	2.36%	10.10%	13.90%	5.66%	5.89%	0.00%	0.00%	5.35%
PM Liquidation as Percent of Total	0.00%	5.92%	5.98%	6.08%	5.95%	0.00%	0.00%	0.00%	0.00%
Salary & Benefits from Others as % of Total	0.00%	16.15%	6.20%	0.00%	0.00%	11.02%	62.98%	74.45%	16.35%
Mat, Sup's & Svcs from Others as % of Total	0.00%	4.73%	0.00%	0.00%	0.00%	2.75%	46.01%	0.68%	3.39%
A&G as Percent of Total	0.00%	17.54%	16.98%	15.99%	17.33%	17.31%	18.29%	21.15%	17.52%
Occupancy as Percent of Total	0.00%	2.61%	2.41%	2.11%	2.49%	2.52%	2.22%	3.92%	2.60%
Revenue as Percent of Total	0.00%	-0.15%	-0.15%	-0.20%	-0.20%	-0.16%	-29.50%	-0.20%	-0.70%



COMPARISON OF POWER MANAGEMENT REVENUES AND EXPENSES FOR FISCAL YEARS 2010 THROUGH 2018													
	Total FY2008	Total FY2009	Total FY2010	Total FY2011	Total FY2012	Total F2013	Total FY2014	Total FY2015	Total FY2016	Total 2017	Total FY2018	Budget Change (\$)	Budget Change (%)
Power Management Direct Costs													
Salaries and Benefits	\$ 5,034,047	\$ 5,011,686	\$ 4,829,176	\$ 4,831,815	\$ 4,781,873	\$ 5,083,346	\$ 5,306,816	\$ 5,449,026	\$ 5,628,259	\$ 5,803,056	\$ 6,132,701	\$ 329,645	5.68%
Materials, Supplies and Services	\$ 1,639,669	\$ 1,150,064	\$ 825,494	\$ 815,249	\$ 667,195	\$ 704,062	\$ 702,531	\$ 717,311	\$ 726,750	\$ 713,342	\$ 593,470	\$ (119,872)	-16.80%
Capital Equipment	\$ 256,707	\$ 255,924	\$ 255,665	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%
Subtotal	\$ 6,930,423	\$ 6,417,674	\$ 5,910,335	\$ 5,647,064	\$ 5,449,068	\$ 5,787,408	\$ 6,009,347	\$ 6,166,337	\$ 6,334,226	\$ 6,490,865	\$ 6,748,461	\$ 209,773	3.97%
									\$ -	\$ -			
									\$ -	\$ -			
Direct Charges from Others													
Information Systems Salaries & Benefits	\$ 2,124,387	\$ 2,129,117	\$ 1,976,187	\$ 1,279,128	\$ 1,179,078	\$ 1,242,061	\$ 1,163,909	\$ 1,202,962	\$ 1,302,985	\$ 1,267,877	\$ 1,234,746	\$ (33,131)	-2.61%
Combustion Turbine Salaries & Benefits	\$ 148,999	\$ 44,482	\$ 49,097	\$ 51,225	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%
Accounting & Finance Salaries & Benefits	\$ 18,325	\$ 19,343	\$ 19,472	\$ 19,923	\$ 10,262	\$ 10,644	\$ -	\$ 127,473	\$ 114,532	\$ 110,886	\$ 117,050	\$ 6,164	5.56%
Administrative Services Salaries & Benefits	\$ 201,178	\$ 213,151	\$ 192,477	\$ 195,427	\$ 195,807	\$ 196,986	\$ 6,296	\$ 14,814	\$ 7,377	\$ 7,711	\$ 11,944	\$ 4,233	54.90%
Power Accounts Administration Salaries & Be	\$ 832,994	\$ 899,440	\$ 802,772	\$ 767,341	\$ 488,283	\$ 489,755	\$ 606,268	\$ 374,713	\$ 215,959	\$ 406,770	\$ 450,494	\$ 43,724	10.75%
Materials, Supplies and Services	\$ 1,062,056	\$ 805,372	\$ 817,943	\$ 383,309	\$ 553,130	\$ 471,520	\$ 483,824	\$ 572,700	\$ 441,709	\$ 434,267	\$ 376,377	\$ (57,890)	-13.33%
Subtotal	\$ 4,387,939	\$ 4,110,905	\$ 3,857,948	\$ 2,696,353	\$ 2,426,560	\$ 2,410,966	\$ 2,260,297	\$ 2,292,662	\$ 2,082,562	\$ 2,227,511	\$ 2,190,611	\$ (36,900)	-1.66%
									\$ -	\$ -			
									\$ -	\$ -			
Administrative and General													
Administrative	\$ 929,591	\$ 952,071	\$ 859,334	\$ 877,653	\$ 913,195	\$ 1,109,035	\$ 1,206,768	\$ 1,660,714	\$ 1,619,109	\$ 1,831,007	\$ 1,943,026	\$ 112,019	6.12%
General	\$ 422,313	\$ 426,640	\$ 387,917	\$ 334,552	\$ 326,110	\$ 325,371	\$ 375,072	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%
Subtotal	\$ 1,351,904	\$ 1,378,711	\$ 1,247,251	\$ 1,212,205	\$ 1,239,305	\$ 1,434,406	\$ 1,581,840	\$ 1,660,714	\$ 1,619,109	\$ 1,831,007	\$ 1,943,836	\$ 112,019	6.16%
									\$ -	\$ -			
									\$ -	\$ -			
Occupancy Costs													
HQ Main Building	\$ 608,972	\$ 595,129	\$ 601,423	\$ 490,887	\$ 477,898	\$ 477,407	\$ 458,451	\$ 701,363	\$ 377,694	\$ 338,249	\$ 288,777	\$ (49,472)	-14.63%
HQ Credit	\$ (12,903)	\$ (12,903)	\$ (12,898)	\$ (6,441)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%
Subtotal	\$ 596,069	\$ 582,226	\$ 588,525	\$ 484,446	\$ 477,898	\$ 477,407	\$ 458,451	\$ 701,363	\$ 377,694	\$ 338,249	\$ 288,777	\$ (49,472)	-14.63%
									\$ -	\$ -			
									\$ -	\$ -			
Revenue													
Interest Income	\$ (54,248)	\$ (42,857)	\$ (4,019)	\$ (2,322)	\$ (2,412)	\$ (211)	\$ (1,955)	\$ (1,955)	\$ (1,955)	\$ (82)	\$ (19,361)	\$ (19,279)	23510.98%
Scheduling Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%
Services for Others	\$ -	\$ -	\$ (76,000)	\$ -	\$ -	\$ (148,628)	\$ (111,722)	\$ (117,037)	\$ (117,037)	\$ (61,647)	\$ (58,422)	\$ 3,225	-5.23%
Subtotal	\$ (54,248)	\$ (42,857)	\$ (80,019)	\$ (2,322)	\$ (2,412)	\$ (148,839)	\$ (113,677)	\$ (118,992)	\$ (118,992)	\$ (61,729)	\$ (77,783)	\$ (16,054)	26.01%
									\$ -	\$ -			
									\$ -	\$ -			
Total	\$ 13,212,087	\$ 12,446,659	\$ 11,524,040	\$ 10,037,746	\$ 9,590,419	\$ 9,961,348	\$ 10,196,258	\$ 10,704,039	\$ 10,341,549	\$ 10,825,903	\$ 11,093,902	\$ 219,366	2.48%
Comparative Analysis													
Salary & Benefits as Percent of Total			68.28%	71.18%	69.40%	70.50%	69.47%	66.97%	70.29%	70.17%	71.63%		
Mat, Supps & Svcs as Percent of Total			14.26%	11.94%	12.72%	11.80%	11.64%	12.05%	11.30%	10.60%	8.74%		
PM Capital Equipment as Percent of Total			2.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
A&G as Percent of Total			10.82%	12.08%	12.92%	14.40%	15.51%	15.51%	15.66%	16.91%	17.52%		
Occupancy as Percent of Total			5.11%	4.83%	4.98%	4.79%	4.50%	6.55%	3.65%	3.12%	2.60%		
Revenue as Percent of Total			-0.69%	-0.02%	-0.03%	-1.49%	-1.11%	-1.11%	-1.15%	-0.57%	-0.70%		

Power Management Service Structure

Contracts & Interconnection Affairs

- Industry restructuring
- Contracts, CAISO, TANC, Western
- Pooling
- Judicial Action

Forecasting & Pre-Scheduling

- Forecasting
- Pre - Scheduling
- Resource Planning
- Facilities Committee
- MPP
- GPP
- NGPP
- Fuel Transactions

Scheduling & Load Dispatch

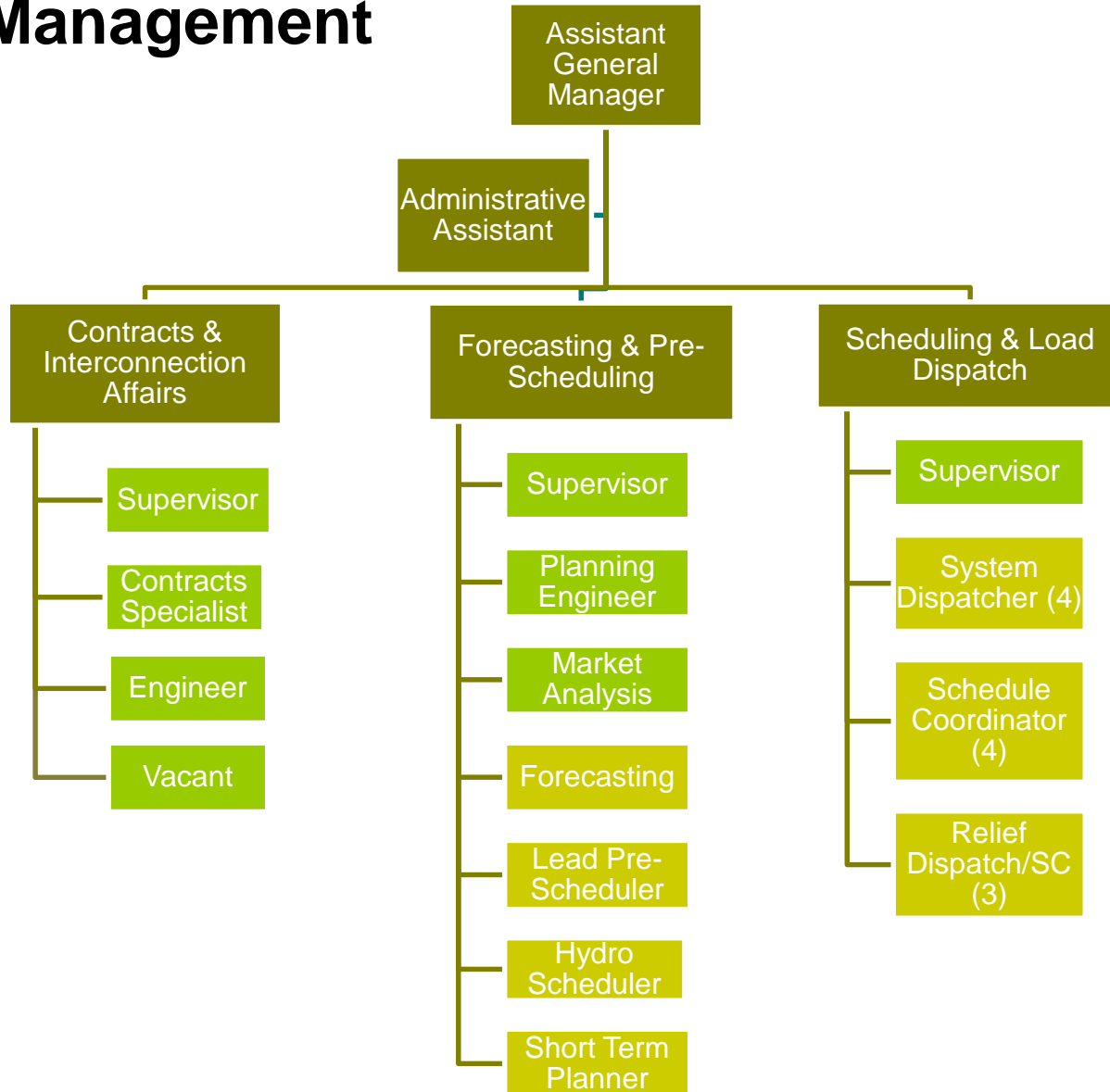
- Dispatch
- Schedule Coordination
- SCADA
- NERC/WECC

Costs allocated per Nexant study

3rd Phase Programs - costs direct assigned by program agreement

Costs allocated per Nexant study

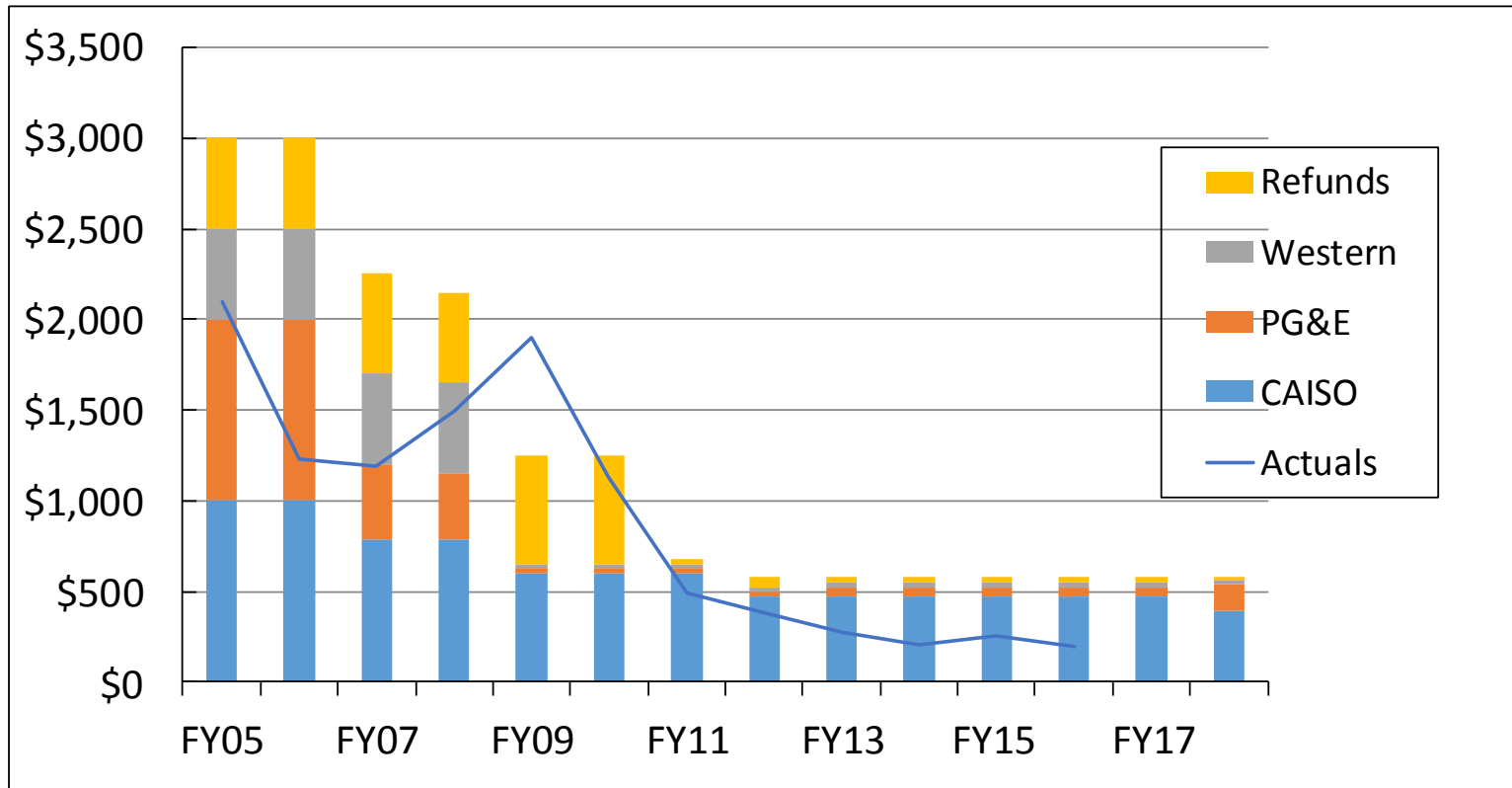
Power Management



Third Phase Direct Charge Programs

- Market Purchase Program (\$128,639 ~~\$130,836~~) [~~\$3,421~~
~~\$2,981~~ increase]
 - Alameda, Biggs, BART, Gridley, Healdsburg, Lompoc, Lodi and Ukiah [Legal \$21K, PM Liquidation \$8K, A&G \$25K]
- Fuel Acquisition and Management (\$119,071 ~~\$143,229~~) [~~\$20,586~~ decrease ~~\$3,572~~ increase] [Consultant \$19K, ~~Legal \$20K~~, A&G \$11K ~~\$14K~~, PM Liquidation \$8K ~~\$10K~~)
- Gas Purchase Program – (\$88,486 ~~\$88,605~~) [~~\$1,462~~
~~\$2,055~~ increase] [Legal \$12K, A&G \$14K ~~\$15K~~, PM Allocation \$5K]
 - Biggs, Gridley, Healdsburg, Lompoc, Lodi and Ukiah
- Green Power Project (\$16,909 ~~\$16,970~~) [\$800 reduction]
 - Project Terminated. Funding supports legal and technical services associated with completed projects.

JUDICIAL ACTION



Allocated in accordance with Nexant "Industry Restructuring" allocation methodology – 1/3 Power Pool Management, 2/3 Resource Management

Judicial Action Budget Proposal

	2016 Budget	2016 Actual	2017 Budget	Proposed FY 2018 Budget
Power Management Related				
ISO Tariff Rates and Amendments	\$475,000	\$188,129	\$475,000	\$390,000
PG&E Rates and IA Amendments	50,000	3,723	50,000	150,000
Western Rates and Contract Amendments	25,000	-	25,000	20,000
Investigations and Refund Proceedings	25,000	5,213	25,000	15,000
	575,000	197,065	575,000	575,000

HISTORIC JUDICIAL ACTION (ACTUALS)

	Actual 2005	Actual 2006	Actual 2007	Actual 2008	Actual 2009	Actual 2010	Actual 2011	Actual 2012	Actual 2013	Actual 2014	Actual 2015	Actual 2016	YTD 2017
PRIVILEGED & CONFIDENTIAL													
Power Management Related													
ISO Tariff Rates and Amendments	\$309,290	\$501,879	\$546,206	\$496,388	\$367,335	\$375,567	\$355,974	\$324,542	\$252,067	\$196,012	\$222,593	\$188,129	\$212,568
PG&E Rates and IA Amendments	1,096,390	50,232	32,154	50,596	24,553	17,274	37,586	24,929	1,257	5,497	2,050	3,723	1,804
Western Rates and Contract Amendments	458,049	287,447	9,114	363	5	449	0	0	0	0	0	0	0
Investigations and Refund Proceedings	198,830	317,285	564,071	948,442	1,509,160	737,347	97,317	29,677	22,909	6,303	27,178	5,213	1,698
PG&E vs NCPA	0	59,894	24,028	2,112	0	252	0	308	513	0	0	0	0
CA DWR vs NCPA	0	9,063	15,810	71	0	0	0	0	0	0	0	0	0
	2,062,560	1,225,800	1,191,382	1,497,972	1,901,054	1,130,889	490,878	379,455	276,745	207,812	251,821	197,065	216,069
Regulatory Related													
Annual Budget Cost	\$2,062,560	\$1,225,800	\$1,191,382	\$1,497,972	\$1,901,054	\$1,130,889	\$490,878	\$379,455	\$276,745	\$207,812	\$251,821	\$197,065	\$216,069



Northern California Power Agency
Judicial Action Cost Allocation Methodology
FY2018

Judicial Action Cost Allocation Methodology - Power Management

Category	Basis	AL	BA	BI	GR	HE	LD	LM	PA	PC	PS	PO	RE	RO	SC	TD	TI	UK	LEC	Total
ISO Tariff Rates and Amendments	IR PM	12.189%	0.058%	0.488%	0.597%	2.073%	12.028%	3.213%	18.587%	0.0%	2.949%	2.683%	0.000%	4.537%	14.000%	0.000%	0.617%	4.251%	21.730%	100.000%
PG&E Rates and IA Amendments	IR PM	12.189%	0.058%	0.488%	0.597%	2.073%	12.028%	3.213%	18.587%	0.0%	2.949%	2.683%	0.000%	4.537%	14.000%	0.000%	0.617%	4.251%	21.730%	100.000%
Western Rates and Contract Amendments	Note A	6.228%	2.514%	1.525%	3.414%	1.298%	2.940%	1.666%	63.556%	0.0%	11.946%	3.124%	0.000%	0.000%	0.000%	0.000%	0.000%	1.786%	0.000%	100.000%
Investigations and Refund Proceedings	Note B	10.450%	0.000%	0.000%	1.043%	3.128%	21.746%	3.861%	21.161%	0.0%	2.710%	0.000%	0.000%	22.653%	8.078%	0.000%	0.278%	4.900%	0.000%	100.009%

IR PM -- Allocation based on the Power Management Industry and Regulatory Affairs budget allocation (33.3% Pool and 66.6% Resources). See also D27-D33 for detail calculations.

Note A: Allocated based on historical Base Resource percentages normalized for pool members only.

Note B: Based on liability as documented in the refund proceeding.

Judicial Action Cost Allocation - Power Management

Category	Budget	AL	BA	BI	GR	HE	LD	LM	PA	PC	PS	PO	RE	RO	SC	TD	TI	UK	LEC	Total
ISO Tariff Rates and Amendments	\$ 390,000	\$ 47,537	\$ 226	\$ 1,903	\$ 2,328	\$ 8,085	\$ 46,909	\$ 12,531	\$ 72,489	\$ -	\$ 11,501	\$ 10,464	\$ -	\$ 17,694	\$ 54,800	\$ -	\$ 2,406	\$ 16,579	\$ 84,747	\$ 390,000
PG&E Rates and IA Amendments	150,000	18,284	87	732	896	3,110	18,042	4,820	27,881	0	4,424	4,025	0	6,806	21,000	0	926	6,377	32,595	150,000
Western Rates and Contract Amendments	20,000	1,246	503	305	683	260	588	333	12,712	0	2,389	625	0	0	0	0	0	357		20,000
Investigations and Refund Proceedings	15,000	1,568	0	0	156	469	3,262	579	3,174	0	407	0	0	3,398	1,212	0	42	735		15,000
Subtotal	\$ 575,000	\$ 68,634	\$ 816	\$ 2,940	\$ 4,063	\$ 11,923	\$ 68,801	\$ 18,263	\$ 116,256	\$ -	\$ 18,720	\$ 15,113	\$ -	\$ 27,898	\$ 76,812	\$ -	\$ 3,373	\$ 24,048	\$ 117,342	\$ 575,000
Liquidation of LEC Costs	(117,342)																			(117,342)
Total	\$ 457,658	\$ 68,634	\$ 816	\$ 2,940	\$ 4,063	\$ 11,923	\$ 68,801	\$ 18,263	\$ 116,256	\$ -	\$ 18,720	\$ 15,113	\$ -	\$ 27,898	\$ 76,812	\$ -	\$ 3,373	\$ 24,048	\$ -	\$ 457,658

Judicial Action Cost Allocation Methodology - Legislative & Regulatory

Category	Basis	AL	BA	BI	GR	HE	LD	LM	PA	PC	PS	PO	RE	RO	SC	TD	TI	UK	LEC	Total
Legal Contingency																				

Judicial Action Cost Allocation - Legislative & Regulatory

Category	Budget	AL	BA	BI	GR	HE	LD	LM	PA	PC	PS	PO	RE	RO	SC	TD	TI	UK	LEC	Total
Legal Contingency ¹	50,000																			
Total	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Judicial Action Grand Total \$ 625,000

¹ Funded as necessary after Commission specific approval.

Administration		
	Administration	Total
Power Management Direct Costs		
Salaries and Benefits	\$ 556,659	\$ 556,659
Materials, Supplies and Services	\$ 64,490	\$ 64,490
Capital Equipment	\$ -	\$ -
PM Admin Liquidation	\$ (621,149.00)	\$ (621,149.00)
Subtotal	\$ -	\$ -
Direct Charges from Others		
Information Systems Salaries & Benefits	\$ -	\$ -
Combustion Turbine Salaries & Benefits	\$ -	\$ -
Accounting & Finance Salaries & Benefits	\$ -	\$ -
Administrative Services Salaries & Benefits	\$ -	\$ -
Power Accounts Administration S&B	\$ -	\$ -
Materials Supplies and Services	\$ -	\$ -
Subtotal	\$ -	\$ -
Administrative and General		
Administrative	\$ -	\$ -
General	\$ -	\$ -
Subtotal	\$ -	\$ -
Occupancy Costs		
HQ Main Building	\$ -	\$ -
HQ Credit	\$ -	\$ -
Subtotal	\$ -	\$ -
Revenue		
Interest Income	\$ -	\$ -
Scheduling Services	\$ -	\$ -
Services for Others	\$ -	\$ -
Subtotal	\$ -	\$ -
Total	\$ -	\$ -

Administration			
	Administration	Total	
Power Management Direct Costs			
Salaries and Benefits	\$ 556,659	\$ 556,659	
Materials, Supplies and Services	\$ 64,490	\$ 64,490	
Capital Equipment	\$ -	\$ -	
PM Admin Liquidation	\$ (621,149.00)	\$ (621,149.00)	
Subtotal	\$ -	\$ -	
Direct Charges from Others			
Information Systems Salaries & Benefits	\$ -	\$ -	
Combustion Turbine Salaries & Benefits	\$ -	\$ -	
Accounting & Finance Salaries & Benefits	\$ -	\$ -	
Administrative Services Salaries & Benefits	\$ -	\$ -	
Power Accounts Administration S&B	\$ -	\$ -	
Materials Supplies and Services	\$ -	\$ -	
Subtotal	\$ -	\$ -	
Administrative and General			
Administrative	\$ -	\$ -	
General	\$ -	\$ -	
Subtotal	\$ -	\$ -	
Occupancy Costs			
HQ Main Building	\$ -	\$ -	
HQ Credit	\$ -	\$ -	
Subtotal	\$ -	\$ -	
Revenue			
Interest Income	\$ -	\$ -	
Scheduling Services	\$ -	\$ -	
Services for Others	\$ -	\$ -	
Subtotal	\$ -	\$ -	
Total	\$ -	\$ -	

Misc Studies – 40 hrs - \$15,000
 Legalease subscription - \$3,000
 General Counsel – 120 hrs - \$18,000 ~~\$30,000~~
 Travel & Meetings - \$17,390

System Control and Load Dispatch					
	Dispatch & RT Resource Management	Schedule Coordination	System Control & Data Acquisition	WECC	Total
Power Management Direct Costs					
Salaries and Benefits	\$ 1,522,681	\$ 1,323,174	\$ 7,241	\$ 123,866	\$ 2,976,962
Materials, Supplies and Services	\$ 61,100	\$ 28,600	\$ 34,500	\$ 14,000	\$ 138,200
Capital Equipment (P+I) or Debt Service (P&I)	\$ -	\$ -	\$ -	\$ -	\$ -
PM Admin Liquidation	\$ 139,788	\$ 137,229	\$ 58,717	\$ 11,020	\$ 346,754
Subtotal	\$ 1,723,569	\$ 1,489,003	\$ 100,458	\$ 148,886	\$ 3,461,916
Direct Charges from Others					
Information Systems Salaries & Benefits	\$ 159,359	\$ 364,963	\$ 421,555	\$ -	\$ 945,877
Combustion Turbine Salaries & Benefits	\$ -	\$ -	\$ -	\$ -	\$ -
Accounting & Finance Salaries & Benefits	\$ -	\$ -	\$ -	\$ -	\$ -
Administrative Services Salaries & Benefits	\$ -	\$ -	\$ -	\$ -	\$ -
Power Accounts Administration S&B	\$ -	\$ -	\$ -	\$ -	\$ -
Other Materials Supplies and Services/Debt S	\$ 5,600	\$ -	\$ 271,247	\$ -	\$ 276,847
Subtotal	\$ 164,959	\$ 364,963	\$ 692,802	\$ -	\$ 1,222,724
Administrative and General					
Administrative	\$ 414,548	\$ 439,012	\$ 142,769	\$ 30,801	\$ 1,027,130
General	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal	\$ 414,548	\$ 439,012	\$ 142,769	\$ 30,801	\$ 1,027,130
Occupancy Costs					
HQ Main Building	\$ 60,988	\$ 68,789	\$ 18,624	\$ 4,281	\$ 152,682
HQ Credit	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal	\$ 60,988	\$ 68,789	\$ 18,624	\$ 4,281	\$ 152,682
Revenue					
Interest Income	\$ -	\$ -	\$ -	\$ -	\$ (8,566)
Scheduling Services	\$ -	\$ -	\$ -	\$ -	\$ -
Services for Others	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal	\$ -	\$ -	\$ -	\$ -	\$ (8,566)
Total	\$ 2,364,064	\$ 2,361,767	\$ 954,653	\$ 183,968	\$ 5,855,886

System Control and Load Dispatch

	Dispatch & RT Resource Management	Schedule Coordination	System Control & Data Acquisition	WECC	Total
Power Management Direct Costs					
Salaries and Benefits	\$ 1,522,681	\$ 1,323,174	\$ 7,241	\$ 123,866	\$ 2,976,962
Materials, Supplies and Services	\$ 61,100	\$ 28,600	\$ 34,500	\$ 14,000	\$ 138,200
Capital Equipment (P+I) or Debt Service (P&I)	\$ -	\$ -	\$ -	\$ -	\$ -
PM Admin Liquidation	\$ 139,788	\$ 237,229	\$ 58,711	\$ 11,000	\$ 346,754
Subtotal	\$ 1,723,569	\$ 1,589,003	\$ 100,458	\$ 148,866	\$ 3,461,916
Direct Charges from Others					
Information Systems Salaries & Benefits	\$ 159,359	\$ 364,963	\$ 421,555	-	945,877
Combustion Turbine Salaries & Benefits	\$ -	\$ -	\$ -	-	-
Accounting & Finance Salaries & Benefits	\$ -	\$ -	\$ -	-	-
Administrative Services Salaries & Benefits	\$ -	\$ -	\$ -	-	-
Power Accounts Administration	\$ -	\$ -	\$ -	-	-
Other Materials Supplies/Debt Service	\$ 5,600	\$ -	\$ 271,247	-	276,847
	\$ 164,000	\$ 364,963	\$ 692,802	-	1,121,765
	\$ -	\$ 439,012	\$ 142,769	\$ 10,801	\$ 1,021,792
	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ 439,012	\$ 142,769	\$ 10,801	\$ 1,021,792
HQ Main Building	\$ 988	\$ 68,789	\$ -	\$ -	\$ 69,777
HQ Credit	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal	\$ -	\$ 68,789	\$ -	\$ -	\$ 68,789
Revenue					
Interest Income	\$ -	\$ -	\$ -	\$ -	\$ -
Scheduling	\$ -	\$ -	\$ -	\$ -	\$ -
Services for	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal	\$ -	\$ -	\$ -	\$ -	\$ (8,566)
Total	\$ 2,364,064	\$ 2,361,767	\$ 954,653	\$ 183,968	\$ 5,855,886

Travel - \$8,000
 Staff Development - \$23,000
 NERC CEH dues - \$9,500
 Legal – 40hrs – \$2,000
 Dispatch Center Upgrades - \$9,000

Staff Development - \$15,900
 Travel - \$4,400
 Dues & Subscriptions - \$3,800

Travel - \$8,100
 WECC Dues - \$1,000

Meter Reading/Maintenance – \$25,000
 Special Equipment- \$5,000
 Voice Circuits (telephone) - \$13,000
 IT Outside Services (\$10,000) Change

Forecasting, Planning, Preschedule & Trading							
	Forecasting	Planning, Optimization & Risk Analysis	Power & Fuel Transactions	Pre-scheduling	Power Pool Admin & Mgmt	Facilities Agreement Administration	Total
Power Management Direct Costs							
Salaries and Benefits	\$ 348,345	\$ 322,994	\$ 101,227	\$ 501,432	\$ 144,230	\$ 127,356	\$ 1,545,584
Materials, Supplies and Services	\$ 127,980	\$ 54,545	\$ -	\$ 84,381	\$ -	\$ -	\$ 266,906
Capital Equipment (P+I)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PM Admin Liquidated	\$ 38,076	\$ 30,179	\$ 8,092	\$ 48,345	\$ 23,119	\$ 10,180	\$ 157,991
Subtotal	\$ 514,401	\$ 407,718	\$ 109,319	\$ 634,158	\$ 167,349	\$ 137,536	\$ 1,970,481
Direct Charges from Others							
Information Systems Salaries & Benefits	\$ -	\$ -	\$ -	\$ 18,977	\$ 144,991	\$ -	\$ 163,968
Combustion Turbine Salaries & Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Accounting & Finance Salaries & Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Administrative Services Salaries & Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Power Accounts Administration S&B	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Materials Supplies and Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal	\$ -	\$ -	\$ -	\$ 18,977	\$ 144,991	\$ -	\$ 163,968
Administrative and General							
Administrative	\$ 101,240	\$ 85,300	\$ 24,654	\$ 137,504	\$ 69,089	\$ 31,071	\$ 448,858
General	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal	\$ 101,240	\$ 85,300	\$ 24,654	\$ 137,504	\$ 69,089	\$ 31,071	\$ 448,858
Occupancy Costs							
HQ Main Building	\$ 13,456	\$ 11,971	\$ 3,670	\$ 19,450	\$ 10,532	\$ 4,631	\$ 63,710
HQ Credit	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal	\$ 13,456	\$ 11,971	\$ 3,670	\$ 19,450	\$ 10,532	\$ 4,631	\$ 63,710
Revenue							
Interest Income	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (4,081)
Scheduling Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Services for Others	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (4,081)
Total	\$ 629,097	\$ 504,989	\$ 137,643	\$ 810,089	\$ 391,961	\$ 173,238	\$ 2,642,936

Forecasting, Planning, Preschedule & Trading								
	Forecasting	Planning, Optimization & Risk Analysis	Power & Fuel Transactions	Pre-scheduling	Power Pool Admin & Mgmt	Facilities Agreement Administration	Total	
Power Management Direct Costs								
Salaries and Benefits	\$ 348,345	\$ 322,994	\$ 101,227	\$ 501,432	\$ 144,230	\$ 127,356	\$	\$ 1,545,584
Materials, Supplies and Services	\$ 127,980	\$ 54,545	\$ -	\$ 84,381	\$ -	\$ -	\$	\$ 266,906
Capital Equipment (P+I)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	\$ -
PM Admin Liquidated	\$ 39,076	\$ 30,119	\$ 8,092	\$ 48,345	\$ 23,119	\$ 10,180	\$	\$ 157,991
Subtotal	\$ 515,401	\$ 407,758	\$ 109,319	\$ 634,158	\$ 167,349	\$ 137,536	\$	\$ 1,970,481
Direct Charges from Others								
Information Systems Salaries & Benefits	\$ -	\$ -	\$ -	\$ 18,977	\$ 144,991	\$ -	\$	\$ 163,968
Combustion Turbine Salaries & Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	\$ -
Accounting & Finance Salaries & Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	\$ -
Administrative Services Salaries & Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	\$ -
Power Accounts Administration S&B	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	\$ -
Materials Supplies and Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	\$ -
Subtotal	\$ -	\$ -	\$ -	\$ 18,977	\$ 144,991	\$ -	\$	\$ 163,968
Administrative and General								
Administrative	\$ -	\$ 85,300	\$ 4,654	\$ 137,504	\$ 69,080	\$ 31,071	\$	\$ 448,858
General	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	\$ -
Subtotal	\$ -	\$ 85,300	\$ 4,654	\$ 137,504	\$ 69,080	\$ 31,071	\$	\$ 448,858
Occupancy Costs								
HQ Main Building	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	\$ -
HQ Credit	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	\$ -
Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	\$ -
Revenue								
Interest Income	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	\$ (4,081)
Scheduling Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	\$ -
Services for Others	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	\$ -
Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	\$ (4,081)
Total	\$ 629,097	\$ 504,989	\$ 137,643	\$ 810,089	\$ 391,961	\$ 173,238	\$	\$ 2,642,936

Travel – \$8,070
 Staff Development - \$17,000
 \$30,000
 Professional Svcs - \$42,100
 Software - \$31,500
 Subscriptions - \$27,000

Travel -\$5,000
 Staff Development - \$2,500
 Professional Svcs - \$9,874
 \$14,874
 Software - \$34,538

Meetings - \$6,440
 Brokerage Fees - \$51,000
 Software - \$5,970

Industry Restructuring and Regulatory Affairs

	Industry Restructuring & Regulatory Affairs	Total
Power Management Direct Costs		
Salaries and Benefits	\$ 262,988	\$ 262,988
Materials, Supplies and Services	\$ 58,839	\$ 58,839
Capital Equipment		\$ -
PM Admin Liquidations	\$ 25,726	\$ 25,726
Subtotal	\$ 347,553	\$ 347,553
Direct Charges from Others		
Information Systems Salaries & Benefits	\$ -	\$ -
Combustion Turbine Salaries & Benefits	\$ -	\$ -
Accounting & Finance Salaries & Benefits	\$ -	\$ -
Administrative Services Salaries & Benefits	\$ -	\$ -
Power Accounts Administration S&B	\$ -	\$ -
Materials Supplies and Services	\$ -	\$ -
Subtotal	\$ -	\$ -
Administrative and General		
Administrative	\$ 67,709	\$ 67,709
General	\$ -	\$ -
Subtotal	\$ 67,709	\$ 67,709
Occupancy Costs		
HQ Main Building	\$ 8,912	\$ 8,912
HQ Credit		\$ -
Subtotal	\$ 8,912	\$ 8,912
Revenue		
Interest Income	\$ (854)	\$ (854)
Scheduling Services	\$ -	\$ -
Services for Others	\$ -	\$ -
Subtotal	\$ (854)	\$ (854)
Total	\$ 423,320	\$ 423,320

Industry Restructuring and Regulatory Affairs		
	Industry Restructuring & Regulatory Affairs	Total
Power Management Direct Costs		
Salaries and Benefits	\$ 262,988	\$ 262,988
Materials, Supplies and Services	\$ 58,839	\$ 58,839
Capital Equipment	\$ -	\$ -
PM Admin Liquidations	\$ 25,726	\$ 25,726
Subtotal	\$ 347,553	\$ 347,553
Direct Charges from Others		
Information Systems Salaries & Benefits	\$ -	\$ -
Combustion Turbine Salaries & Benefits	\$ -	\$ -
Accounting & Finance Salaries & Benefits	\$ -	\$ -
Administrative Services Salaries & Benefits	\$ -	\$ -
Power Accounts Administration S&B	\$ -	\$ -
Materials Supplies and Services	\$ -	\$ -
Subtotal	\$ -	\$ -
Administrative and General		
Administrative	\$ 67,709	\$ 67,709
General	\$ -	\$ -
Subtotal	\$ 67,709	\$ 67,709
Occupancy Costs		
HQ Main Building	\$ 8,912	\$ 8,912
HQ Credit	\$ -	\$ -
Subtotal	\$ 8,912	\$ 8,912
Revenue		
Interest Income	\$ (854)	\$ (854)
Scheduling Services	\$ -	\$ -
Services for Others	\$ -	\$ -
Subtotal	\$ (854)	\$ (854)
Total	\$ 423,320	\$ 423,320

Meetings - \$9,200
 Training - \$5,000
 Legal – 60 hrs - \$11,500
 Know the ISO - \$30,000

Contract Administration					
	Contract Maintenance & Admin	TANC Representation & Advocay	Western Representation & Advocacy	Pooling Committee	Total
Power Management Direct Costs					
Salaries and Benefits	\$ 602,708	\$ 12,817	\$ 104,507	\$ 70,476	\$ 790,508
Materials, Supplies and Services	\$ 46,683	\$ 723	\$ 15,229	\$ 2,400	\$ 65,035
Capital Equipment (P+I)	\$ -	\$ -	\$ -	\$ -	\$ -
PM Admin Liquidations	\$ 51,910	\$ 1,082	\$ 9,571	\$ 5,825	\$ 68,388
Subtotal	\$ 701,301	\$ 14,622	\$ 129,307	\$ 78,701	\$ 923,931
Direct Charges from Others					
Information Systems Salaries & Benefits	\$ -	\$ -	\$ -	\$ -	\$ -
Combustion Turbine Salaries & Benefits	\$ -	\$ -	\$ -	\$ -	\$ -
Accounting & Finance Salaries & Benefits	\$ -	\$ -	\$ -	\$ -	\$ -
Administrative Services Salaries & Benefits	\$ -	\$ -	\$ -	\$ -	\$ -
Power Accounts Administration S&B	\$ -	\$ -	\$ -	\$ -	\$ -
Materials Supplies and Services	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -
Administrative and General					
Administrative	\$ 150,902	\$ 2,750	\$ 26,562	\$ 19,022	\$ 199,236
General	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal	\$ 150,902	\$ 2,750	\$ 26,562	\$ 19,022	\$ 199,236
Occupancy Costs					
HQ Main Building	\$ 21,670	\$ 350	\$ 3,670	\$ 2,971	\$ 28,661
HQ Credit	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal	\$ 21,670	\$ 350	\$ 3,670	\$ 2,971	\$ 28,661
Revenue					
Interest Income	\$ -	\$ -	\$ -	\$ -	\$ (2,318)
Scheduling Services	\$ -	\$ -	\$ -	\$ -	\$ -
Services for Others	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal	\$ -	\$ -	\$ -	\$ -	\$ (2,318)
Total	\$ 873,873	\$ 17,722	\$ 159,539	\$ 100,694	\$ 1,149,510

