

**CALIFORNIA ISO
COST ALLOCATION MATRIX - 2001 BUDGET**

MCI - Total Headcount Method

ISO Dept #	OPERATING COSTS	Budgeted Headcount	Functional Allocation			Source	Assignment Method	Headcount Allocated		
			Control Area Services	Inter-zonal Scheduling	Market Operations			Control Area Services	Inter-zonal Scheduling	Market Operations
1500	Operations - Directs									
1521	Grid Planning	15.0	100%	0%	0%	Dept	Direct Assignment	15.0	0.0	0.0
1542	Outage Coordination	10.5	88%	12%	0%	Dept	Direct Assignment	9.2	1.3	0.0
1543	Operations Engineering	27.0	85%	3%	12%	Dept	Direct Assignment	23.0	0.8	3.2
1544	Scheduling	37.0	75%	10%	15%	Dept	Direct Assignment	27.7	3.7	5.6
1545	Grid Operations/Dispatch	52.0	80%	5%	15%	Dept	Direct Assignment	41.6	2.6	7.8
1546	Security Coordination	7.0	100%	0%	0%	Dept	Direct Assignment	7.0	0.0	0.0
1551	Market Operations	2.0	20%	30%	50%	Dept	Direct Assignment	0.4	0.6	1.0
1552	Manager of Markets	20.0	20%	30%	50%	Dept	Direct Assignment	4.0	6.0	10.0
1553	Manager of Applications	14.0	20%	30%	50%	Dept	Direct Assignment	2.8	4.2	7.0
1554	Operations R&D	4.0	80%	10%	10%	Dept	Direct Assignment	3.2	0.4	0.4
1555	Operations Support	12.0	80%	10%	10%	Dept	Direct Assignment	9.6	1.2	1.2
1556	Market Planning	4.0	0%	50%	50%	Dept	Direct Assignment	0.0	2.0	2.0
1557	Market Support & Development	11.0	40%	10%	50%	Dept	Direct Assignment	4.4	1.1	5.5
1558	Transmission Facilities	5.5	94%	0%	6%	Dept	Direct Assignment	5.2	0.0	0.3
Total Operations Direct Headcount		221.0						153.1	23.9	44.0
Total Operations Direct Headcount %							Allocation %	69%	11%	20%
1500	Operations - Indirects									
1511	Operations - General	2.0	69%	11%	20%	Calc	Dept Headcount	1.4	0.2	0.4
1512	Managing Director of Engineering	1.5	69%	11%	20%	Calc	Dept Headcount	1.0	0.2	0.3
1513	Managing Director of Operations	1.5	69%	11%	20%	Calc	Dept Headcount	1.0	0.2	0.3
1547	Engineering & Maintenance	2.0	69%	11%	20%	Calc	Dept Headcount	1.4	0.2	0.4
1548	OSAT	2.0	69%	11%	20%	Calc	Dept Headcount	1.4	0.2	0.4
1549	Operations Training	21.0	69%	11%	20%	Calc	Dept Headcount	14.5	2.3	4.2
Total Operations Indirect Headcount		30.0						20.7	3.3	6.0
Total Operations Headcount		251.0						173.8	27.2	50.0
1400	Information Technology - Directs									
1423	Project Office	5.0	40%	50%	10%	Dept	Direct Assignment	2.0	2.5	0.5
1424	IT Assets, Contracts & Change Mgmt	6.0	50%	5%	45%	Dept	Direct Assignment	3.0	0.3	2.7
1441	Telecommunication Services	0.0	0%	0%	0%	See	excluded	0.0	0.0	0.0
1461	Operational Data Support	11.0	97%	2%	1%	Dept	Direct Assignment	10.7	0.2	0.1
1462	Field Data Acquisition	15.0	10%	0%	90%	Dept	Direct Assignment	1.5	0.0	13.5
1465	Systems Eng. & Admin	20.0	34%	0%	66%	Dept	Direct Assignment	6.8	0.0	13.2
1466	Data Quality Group	6.0	40%	0%	60%	Dept	Direct Assignment	2.4	0.0	3.6
1467	Operational Applications	4.0	100%	0%	0%	Dept	Direct Assignment	4.0	0.0	0.0
Total IT Direct Headcount		67.0						30.4	3.0	33.6
Total IT Direct Headcount %							Allocation %	45%	4%	51%

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1400	Information Technology - Indirects									
1411	IT General	1.5	45%	4%	51%	Calc	Dept Headcount	0.6	0.1	0.8
1431	End User Support Services	5.0	45%	4%	51%	Calc	Dept Headcount	2.3	0.2	2.5
1432	Computing & Telecom Svcs	2.0	45%	4%	51%	Calc	Dept Headcount	0.9	0.1	1.0
1451	Information Security	8.0	45%	4%	51%	Calc	Dept Headcount	3.6	0.3	4.1
1463	Operations Systems	3.0	45%	4%	51%	Calc	Dept Headcount	1.4	0.1	1.5
1471	Info Architectures & Technology	4.5	45%	4%	51%	Calc	Dept Headcount	2.0	0.2	2.3
	Total IT Indirect Headcount	24.0						10.8	1.0	12.2
	Total IT Operating Headcount	91.0						41.2	4.0	45.8
1700	Client Services - Directs									
1731	Contracts & Compliance	18.0	35%	10%	55%	Dept	Direct Assignment	6.3	1.8	9.9
1741	Client Relations:	24.0	15%	5%	80%	Dept	Direct Assignment	3.6	1.2	19.2
	Total Client Services Direct Headcount	42.0						9.9	3.0	29.1
	Total Client Services Direct Headcount %						Allocation %	24%	7%	69%
1700	Client Services - Indirects									
1711	Client Services-General	2.0	24%	7%	69%	Calc	Direct Headcount	0.5	0.1	1.4
	Total Client Services Indirect Headcount	2.0						0.5	0.1	1.4
	Total Client Services Headcount	44.0						10.4	3.1	30.5
1300	Finance - Directs									
1341	Settlements and Billing	4.0	0%	0%	100%	Calc	Direct Assignment	0.0	0.0	4.0
1342	Settlements Application Support	6.0	0%	0%	100%	Dept	Direct Assignment	0.0	0.0	6.0
1343	Preliminary Settlements	14.5	0%	0%	100%	Dept	Direct Assignment	0.0	0.0	14.5
1344	Final Settlements	14.5	0%	0%	100%	Dept	Direct Assignment	0.0	0.0	14.5
	Total Finance Direct Headcount	39.0						0.0	0.0	39.0
	Total Finance Direct Headcount %						Allocation %	0%	0%	100%
1300	Finance - Indirects									
1311	CFO General	2.0	0%	0%	100%	Calc	Direct Headcount	0.0	0.0	2.0
	Total Finance Operating Headcount	41.0						0.0	0.0	41.0
1600	Legal - Directs									
1641	Market Surveillance	12.0	20%	10%	70%	Dept	Direct Assignment	2.4	1.2	8.4
	Total Legal Operating Headcount	12.0						2.4	1.2	8.4
	Operating Headcount									
	Total Operating Headcount	439.0						227.8	35.5	175.7
	Total Operating Headcount %						Allocation %	52%	8%	40%
1300	Finance -Corporate Indirects									
1321	Accounting	8.5	52%	8%	40%	Calc	Operating Headcount	4.4	0.7	3.4
1331	Treasury and Financial Planning	5.5	52%	8%	40%	Calc	Operating Headcount	2.8	0.4	2.3
	Total Finance Corporate Indirect Headcount	14.0						7.2	1.1	5.7
	Total Finance Headcount	55.0						7.2	1.1	46.7

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1400	Information Technology - Corporate Indirects									
1421	Application Services	1.5	52%	8%	40%	Calc	Operating Headcount	0.8	0.1	0.6
1422	Application Dev. & Support Center	17.0	52%	8%	40%	Calc	Operating Headcount	8.8	1.4	6.8
Total IT Corporate Indirect Headcount		18.5						9.6	1.5	7.4
Total IT Headcount		109.5						50.8	5.5	53.2
1600	Legal - Corporate Indirects									
1631	Legal & Regulatory	21.0	52%	8%	40%	Calc	Operating Headcount	10.9	1.7	8.4
1611	General Counsel	2.0	52%	8%	40%	Calc	Operating Headcount	1.0	0.2	0.8
Total Legal Corporate Indirect Headcount		23.0						11.9	1.9	9.2
Total Legal Headcount		35.0						14.3	3.1	17.6
1800	Strategic Development & Communications - Corporate Indirects									
1811	Strategic Dev & Com - General	3.5	52%	8%	40%	Calc	Operating Headcount	1.8	0.3	1.4
1821	Communications:	4.0	52%	8%	40%	Calc	Operating Headcount	2.1	0.3	1.6
1651	Board of Governors	0.0	52%	8%	40%	Calc	Operating Headcount	0.0	0.0	0.0
Total Strategic Dev & Com. Corp Indirect Hdcnt		7.5						3.9	0.6	3.0
Total Headcount before HR/CEO										
Total Headcount before HR/CEO		502.0						260.4	40.6	201.0
Total Headcount before HR/CEO %							Allocation %	52%	8%	40%
100/1200	CEO / Human Resources - Corporate Indirects									
1111	CEO General	2.0	52%	8%	40%	Calc	Headcount before HR	1.0	0.2	0.8
1211	Human Resources/CEO	12.5	52%	8%	40%	Calc	Headcount before HR	6.5	1.0	5.0
1221	Corporate Services	9.0	52%	8%	40%	Calc	Headcount before HR	4.7	0.7	3.6
1231	Facilities	7.0	52%	8%	40%	Calc	Headcount before HR	3.6	0.6	2.8
Total CEO/HR Headcount		30.5						15.8	2.5	12.2
Total Headcount										
Total Headcount for Allocation		532.5						276.2	43.1	213.2
Excluded Headcount - Telecommunications		12.0					Allocation %	52%	8%	40%
Total Headcount		544.5								