Summary of Results

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Table 1: Look Forward - LB CRAC10 for April '06-Sept '06	
Increased Revenue Required (LB CRAC%)	**29.61%**
Total Increase in revenue in dollars	$165,082,678
Increase in the Slice Rate	**29.07%**
Increase in the non-Slice Rate	**28.51%**

Table 2: LB CRAC8 True Up: April'05-Sept'05		
(negative sign = refund to customers)		
Total Bill Adjustment for Slice - 120 Day Rule	$	$557,357
Total Bill Adjustment for non-Slice - (0 Day Rule + 120 Day Rule)	$	$6,289,806
Total Bill Adjustment Slice + non-Slice	$	**$6,847,163**
Adjustment factor for each Slice customer		0.000391
Adjustment factor for each non-Slice customer		0.002286

BPA's Current Forecast for Future LB CRAC's	
note: This is being provided for your planning. These numbers will not change.	
	Na
LB CRAC%	Na
Increase in Slice Rate	Na
Increase in non-Slice Rate	Na

Look Forward LB CRAC 10

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April '06-Sept'06

Table 3

Increased Revenue Required (LB CRAC%)	**29.61%**	revenue required =	$165,082,678

Change to Slice Rate	**29.07%**

Change to non-Slice Rate	**28.51%**

Base Rates with LB CRAC10 Adjustment							
		Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06
Slice	($/% Slice per month)	$1,832,058	$1,832,058	$1,832,058	$1,832,058	$1,832,058	$1,832,058
5-yr PF-02 and RL-02 rates							
HLH	($/MWh)	$16.94	$16.87	$21.14	$27.80	$41.15	$29.48
LLH	($/MWh)	$11.33	$9.32	$11.31	$18.88	$23.04	$24.15
Demand	($/kW-mo)	$1.86	$1.84	$2.30	$2.97	$2.97	$2.97
Load Variance	($/MWh)	$1.03	$1.03	$1.03	$1.03	$1.03	$1.03
Stepped PF-02 Rates							
HLH	($/MWh)	$18.09	$18.03	$22.30	$28.95	$42.31	$30.64
LLH	($/MWh)	$12.49	$10.47	$12.47	$20.03	$24.20	$25.30
Demand	($/kW-mo)	$1.86	$1.84	$2.30	$2.97	$2.97	$2.97
Load Variance	($/MWh)	$1.03	$1.03	$1.03	$1.03	$1.03	$1.03
IP-02 Rates w IPTAC(A)							
HLH	($/MWh)	$21.77	$21.69	$25.96	$32.62	$45.98	$34.31
LLH	($/MWh)	$16.15	$14.14	$16.13	$23.71	$27.86	$28.98
Demand	($/kW-mo)	$1.86	$1.84	$2.30	$2.97	$2.97	$2.97
IP-02 Rates w IPTAC(B)							
HLH	($/MWh)	$23.70	$23.62	$27.89	$34.54	$47.91	$36.24
LLH	($/MWh)	$18.08	$16.06	$18.06	$25.64	$29.79	$30.91
Demand	($/kW-mo)	$1.86	$1.84	$2.30	$2.97	$2.97	$2.97

Look Forward

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Table 4: Mark-to-Market Prices ($/MWh)							
	Apr-06	**May-06**	**Jun-06**	**Jul-06**	**Aug-06**	**Sep-06**	**AVG.**
HLH	64.55	46.45	43.45	71.30	86.30	83.30	65.89
LLH	53.10	35.30	33.85	57.85	70.60	68.65	53.23

Look Forward

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April '06-Sept'06

Table 5: Average Net Augmentation Need and Net Short Position				
		Apr-06 to Jun-06	Jul-06 to Sep-06	Apr-06 to Sep-06
1 - Net System Load	aMW	6,142	5,804	5,973
2 - Net Augmentation Need (w/losses)	aMW	923	648	786
3 - Net Short Position				
HLH	aMW	365	0	182
LLH	aMW	376	0	188

These numbers are approximate due to the use of simple averaging.

1 - Net System Load = System Load - Load reductions
2- Net Augmentation Need = Net System Load - System Capability (w/transmission losses of 1.8%).
3 - The net short position is the simple average of the HLH and LLH actual net short positions for the given months.

Table 6: Selected 6-mo. Total Cost and Revenue Calculations		
1 - Augmentation Pre-Purchase Costs	$	**130,913,503**
2 - Net Short Costs	$	41,061,406
3 - Load Reduction Costs	$	**102,925,084**
4 - Total Gross Augmentation Costs in LB CRAC	$	**261,874,815**
5 - Revenues from Resale of Augmentation Quantity	$	96,792,138
6 - Net Augmentation Costs (= 4-5)	$	**165,082,678**
7 - Total Revenues from Slice before LB CRAC	$	187,794,900
8 - Total Revenues from non-Slice products before LB CRAC	$	369,766,985
9 - Total CRAC'able revenue before LB CRAC (= 7+8)	$	557,561,884
LB CRAC% (= 6/9)		**29.61%**

1- Sum of augmentation pre-purchases and power buyback for rate mitigation. Cost of rate mitigation deals with Slice/Block included here. IOU power conversion costs here also. (Cost of IOU and DSI load reduction deals are contained in row 3). Rate mitigation buyback costs include both premium portion and cost of deals tied to LB CRAC.
2 - Net short costs = cost of meeting BPA's net short position
3 - All costs associated with load reductions from IOU, DSIs, and load following publics.
4 - If row 4 total is less than sum of rows (1+2+3), some costs in rows 1+2 are being excluded from recovery from LB CRAC. Chase product is included as a credit in the calculation of Total Gross Augmentation Costs.
8 - Total revenue from non-Slice products that are subject to LB CRAC before application of LB CRAC.

Look Forward

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April '06-Sept'06

Table 7: Average 6-mo. Costs and Loads		units	April-May	Jun-Jul	Aug-Sept
Slice Load		aMW	1,600	1,600	1,600
PF Base Load		aMW			
	HLH	aMW	3,891	3,702	3,796
	LLH	aMW	3,451	3,174	3,312
RL Base Load		aMW			
	HLH	aMW	999	999	999
	LLH	aMW	999	999	999
IP Base Load		aMW			
	HLH	aMW	762	762	762
	LLH	aMW	762	762	762
Augmentation Pre-Purchase Costs					
(note: this includes mkt. Pre-purchase cost	HLH	$	11,018,200	13,942,448	12,480,324
+ fixed portion of power buybacks)	LLH	$	8,081,562	10,595,624	9,338,593
Load Reduction Costs					
	HLH	$	9,776,341	9,776,341	9,776,341
	LLH	$	7,376,848	7,378,831	7,377,840
LDD Slice Costs		$	239,894	239,894	239,894
LDD Non-Slice Costs		$	595,020	1,018,689	806,854
C&R Slice Costs		$	583,841	583,841	583,841
C&R Non-Slice Costs		$	2,401,985	2,403,018	2,402,501

These numbers are approximate due to the use of simple averaging of actual numbers.

Table 8: Average 6-mo. Loads, Rate Mitigation, System Capability				
		April-May	Jun-Jul	Aug-Sept
1 - System Load	aMW	7,319	7,004	7,162
2 - System Capability	aMW	5,236	5,167	5,202
3 - Load Reduction	aMW	1,177	1,200	1,188
Public	aMW	0	0	0
DSI	aMW	490	490	490
IOU	aMW	620	613	616
Other	aMW	67	97	82
4 - Augmentation Market Purchases				
HLH	aMW	424	640	532
LLH	aMW	443	685	564
5 - Augmentation Power Buybacks				
HLH	aMW	122	121	122
LLH	aMW	127	128	127

These numbers are approximate due to the use of simple averaging of actual numbers. Each row in this table is the simple average of the actual numbers in the analysis for that variable.

1&2 - These numbers are net of 1,600aMW of Slice and do not include losses.
3 - All DSI, IOU and load following publics rate mitigation deals treated as load reductions.
4 - Includes only market purchases.
5 - Includes only rate mitigation with Block/Slice customers.

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Table 9: Total 6-mo. Incremental Revenue, Incremental Cost, Bill Adjustment Factors			
Rows 1, 2 are the revenues BPA earned only from the LB CRAC part of rates.			
1 - LB CRAC revenues earned from Slice		$	$50,201,738
2 - LB CRAC revenues earned from non-Slice products		$	$96,728,481
	sum	$	**$146,930,219**
Rows 3, 4 are the actual LB CRAC Revenue Requirement			
3 - Revenues required from Slice to cover actual LB CRAC costs		$	$50,759,094
4 - Revenues required from non-Slice to cover actual LB CRAC costs		$	$98,007,267
	sum	$	**$148,766,362**
120 Day Bill Adjustment in Dollars (negative indicates refund to customers)			**$1,836,143**
5 - Total Bill Adjustment for Slice - 120 Day Rule		**$**	**$557,357**
6 - Bill Adjustment for non-Slice - 120 Day Rule		$	$1,278,786
7 - Bill Adjustment non-Slice - 0 Day Rule		$	$5,011,020
8 - Total Bill Adjustment for non-Slice - (Sum of 0 Day Rule + 120 Day Rule)		**$**	**$6,289,806**
9 - Total Bill Adjustment Slice + non-Slice (row 5 + row 8)		**$**	**$6,847,163**
Rows 10, 11 are the adjustment factors used to determine individual customer bill adjustments			
10 - Adjustment factor for each Slice customer bill			**0.000391**
11 - Adjustment factor for each non-Slice customer bill			**0.002286**

1 - Incremental Revenues from the LB CRAC increment to the May 2000 Slice rates.
2 - Incremental Revenues from the LB CRAC increment to the May 2000 non-Slice rates.
3 - Incremental Augmentation Costs in LB CRAC above May 2000 rates for Slice
4 - Incremental Augmentation Costs in LB CRAC above May 2000 rates for non-Slice
5 - Row 3 Table 9 - Row 1 Table 9.
6 - Row 4 Table 9 - Row 2 Table 9.
7 - Row 6 Table 11 - Row 6 Table 10.
10 - Applied to Slice payments from customer minus LDD minus C&R.
11 - Applied to payments from customer for products subject to LB CRAC minus LDD minus C&R.

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Table 10: Total 6-mo. Cost and Revenue Calculations - 120 Day Rule				
1 - Augmentation Pre-Purchase Costs	$	$156,545,297	aMW	903
2 - Net Short Costs	$	$21,083,222	aMW	0
3 - Load Reduction Costs	$	$106,579,622		
4 - Gross Augmentation Costs in LB CRAC	$	$250,572,720	aMW	826
5 - Revenues from Resale of Augmentation Quantity	$	$101,806,358	aMW	826
6 - Actual Net Augmentation Costs in LB CRAC - 120 Day Rule (= 4-5)	$	$148,766,362	aMW	826
Rows 7, 8, 9 revenue calculations are the revenues BPA earned under LB CRAC'ed rates				
7 - Total Revenues from Slice	$	$237,506,984	aMW	1,600
8 - Total Revenues from non-Slice products	$	$458,586,007	aMW	4,110
9 - Total Revenue with LB CRAC Applied (= 7+8)	$	$696,092,991		

1- Sum of augmentation pre-purchases and power buyback for rate mitigation. Cost of rate mitigation deals with Slice/Block included here. IOU power conversion costs here also. (Cost of IOU and DSI load reduction deals are contained in row 3). Rate mitigation buyback costs include both premium portion and cost of deals tied to LB CRAC.
2 - net short costs = cost of meeting BPA's net short position
3 - All costs associated with load reductions from IOU, DSIs, and load following publics are borne by Slice and non-Slice.
4 - If row 4 total is less than sum of rows (1+2+3), some costs in rows 1+2 are being excluded from recovery from LB CRAC. Also, the Chase product is included as a credit in the calculation of Total Gross Augmentation Costs.
5 - Revenue from the resale of the augmentation quantity using the GRSP formula.
7, 8, 9 - Total revenue earned by BPA from Slice and non-Slice products at rates with LB CRAC.

Table 11: Total 6-mo. Cost and Revenue Calculations - 0 Day Rule				
1 - Augmentation Pre-Purchase Costs - 0 Day Rule	$	$156,545,297	aMW	903
2 - Net Short Costs - 0 Day Rule	$	$26,094,242	aMW	0
3 - Load Reduction Costs	$	$106,579,622		
4 - Gross Augmentation Costs in LB CRAC - 0 Day Rule	$	$255,583,740	aMW	826
5 - Revenues from Resale of Augmentation Quantity	$	$101,806,358	aMW	826
6 - Actual Net Augmentation Costs in LB CRAC 0 Day Rule (= 4-5)	$	$153,777,381	aMW	826

1- Sum of augmentation pre-purchases and power buyback for rate mitigation. Cost of rate mitigation deals with Slice/Block included here. IOU power conversions costs here also. (Cost of IOU and DSI load reduction deals are contained in row 3). Rate mitigation buyback costs include both premium portion and cost of deals tied to LB CRAC.
2 - net short costs = cost of meeting BPA's net short position
3 - All costs associated with load reductions from IOU, DSIs, and load following publics are borne by Slice and non-Slice.
4 - If row 4 total is less than sum of rows (1+2+3), some costs in rows 1+2 are being excluded from recovery from LB CRAC. Also, the Chase product is included as a credit in the calculation of Total Gross Augmentation Costs.
5 - Revenue from the resale of the augmentation quantity using the GRSP formula

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April '05-Sept'05

Table 12: Average Net Augmentation Need and Net Short Position				
		Apr to Jun	Jul to Sep	Apr to Sep
1 - Net System Load	aMW	6,146	5,972	6,059
2 - System Capability	aMW	5,278	5,218	5,248
3 - Net Augmentation Need (w/losses)	aMW	884	768	826
4 - Net Short Position	aMW	259	0	130
HLH	aMW	261	0	130
LLH	aMW	258	0	129

These numbers are approximate due to the use of simple averaging.

1- In the True Up, Net System Load equals the system loads BPA served.
2 - Production from the system established in the rate case.
3 - Net Augmentation Need = Net System Load minus System Capability plus transmission losses of 1.8%. It is the simple average of actual monthly net augmentation need used in the model.
4 - The net short position is the simple average of the HLH and LLH actual net short positions for the given months.

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Table 13: Quarterly Average Loads		units	April-May	Jun-Jul	Aug-Sept
Slice Load Served		aMW	1,600	1,600	1,600
PF Load Served					
	HLH	aMW	3,748	3,620	3,683
	LLH	aMW	3,320	3,108	3,214
RL Load Served					
	HLH	aMW	382	382	382
	LLH	aMW	382	382	382
IP Load Served					
	HLH	aMW	265	265	265
	LLH	aMW	265	265	265

These numbers are approximate due to the use of simple averaging of actual numbers.

Table 14: Quarterly LDD & C&R Dollars	units	April-May	Jun-Jul	Aug-Sept
LDD Slice Costs	$	406,030	406,030	406,030
LDD Non-Slice Costs	$	636,885	1,160,898	898,891
C&R Slice Costs	$	583,899	583,880	583,889
C&R Non-Slice Costs	$	2,248,728	2,249,780	2,249,254

These numbers are approximate due to the use of simple averaging of actual numbers.

Table 15: Average Pre-Purchase Quantities to Meet Augmentation Need				
		April-May	Jun-Jul	Aug-Sept
1 - Augmentation Market Purchases - 120 Day Rule				
HLH	aMW	500	1,059	779
LLH	aMW	503	1,058	780
1 - Augmentation Market Purchases - 0 Day Rule				
HLH	aMW	500	1,059	779
LLH	aMW	503	1,058	780
2 - Augmentation Power Buybacks - 120 Day Rule				
HLH	aMW	123	123	123
LLH	aMW	124	124	124
2 - Augmentation Power Buybacks - 0 Day Rule				
HLH	aMW	123	123	123
LLH	aMW	124	124	124

These numbers are approximate due to the use of simple averaging of actual numbers.
Each row in this table is the simple average of the actual numbers in the analysis for that variable.
1 - Includes only market purchases.
2 - Includes only rate mitigation with Block/Slice customers and IOU cash for power conversion.

Compare: Forecast to Actuals for LB CRAC8

April '05-Sept'05 **12/13/2005**

Table 16: Average Monthly Net System Load, Net Augmentation Need, Net Short Position		Forecast	Actual	Actual-Fcst
Net System Load	aMW	5,969	6,059	90
System Capability	aMW	5,248	5,248	0
Net Augmentation Need (w/losses)	aMW	734	826	92
Net Short Position	aMW	86	130	44
HLH	aMW	89	130	41
LLH	aMW	82	129	47

Table 17: Selected Total Cost and Revenue Calculations		Forecast	Actual (120 Day)	Actual-Fcst
Augmentation Pre-Purchase Costs	$	159,449,466	156,545,297	-2,904,169
Net Short Costs	$	14,674,258	21,083,222	6,408,964
Load Reduction Costs	$	106,573,763	106,579,622	5,859
Gross Augmentation Costs in LB CRAC	$	237,379,392	250,572,720	13,193,328
Augmentation Costs Covered by Base Rates	$	90,446,231	101,806,358	11,360,127
Net Augmentation Costs (= 4-5)	$	146,933,161	148,766,362	1,833,200
Revenue Earned from the LB CRAC	$	146,933,161	146,930,219	-2,942

Table 18: Average Monthly Costs and Loads			Forecast	Actual	Actual-Fcst
Slice Load to Serve		aMW	1,600	1,600	0
PF Load to Serve		aMW			
	HLH	aMW	3,681	3,683	2
	LLH	aMW	3,198	3,214	16
RL Load to Serve		aMW			
	HLH	aMW	383	382	-1
	LLH	aMW	383	382	-1
IP Load to Serve		aMW			
	HLH	aMW	265	265	0
	LLH	aMW	265	265	0
Augmentation Pre-Purchase Costs -120 Day					
(note: this includes mkt. Pre-purchase cost	HLH	$	15,196,766	15,160,138	-36,628
+ fixed & var. portion of power buybacks)	LLH	$	11,378,145	10,930,745	-447,400
Load Reduction Costs					
	HLH	$	10,147,920	10,143,140	-4,780
	LLH	$	7,614,373	7,620,130	5,757
LDD Slice Costs		$	243,814	406,030	162,216
LDD Non-Slice Costs		$	612,981	898,891	285,911
C&R Slice Costs		$	583,841	583,889	48
C&R Non-Slice Costs		$	2,402,665	2,249,254	-153,411

note:These numbers are approximate due to the use of simple averaging of actual numbers.

Table 19: Average Monthly Load Reductions and Power Purchases		Forecast	Actual	Actual-Fcst
Load Reduction*				
Public	aMW	0	NA	
DSI	aMW	504	NA	
IOU	aMW	616	NA	
Other	aMW	50	NA	
Augmentation Market Purchases - 120 Day Rule				
HLH	aMW	769	779	10
LLH	aMW	805	780	-25
Augmentation Market Purchases - 0 Day Rule**				
HLH	aMW	NA	779	
LLH	aMW	NA	780	
Augmentation Power Buybacks - 120 Day Rule				
HLH	aMW	124	123	-1
LLH	aMW	121	124	3
Augmentation Power Buybacks - 0 Day Rule**				
HLH	aMW	NA	123	
LLH	aMW	NA	124	

* Actual load reductions are not calculated.

** For the forecast, implicitly, the 0 day results = 120 day results.