

Summary of Results

6/26/2006

Table 1: Deleted

Table 2: LB CRAC9 True Up: Oct '05-Mar'06		
(negative sign = refund to customers)		
Total Bill Adjustment for Slice - 120 Day Rule	\$	\$4,242,013
Total Bill Adjustment for non-Slice - (0 Day Rule + 120 Day Rule)	\$	\$13,650,216
Total Bill Adjustment Slice + non-Slice	\$	\$17,892,229
Adjustment factor for each Slice customer		0.003019
Adjustment factor for each non-Slice customer		0.003963

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

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Table 9: Total 6-mo. Incremental Revenue, Incremental Cost, Bill Adjustment Factors		
<i>Rows 1, 2 are the revenues BPA earned only from the LB CRAC part of rates.</i>		
1 - LB CRAC revenues earned from Slice	\$	\$46,964,645
2 - LB CRAC revenues earned from non-Slice products	\$	\$115,249,103
<i>sum</i>	\$	\$162,213,748
<i>Rows 3, 4 are the actual LB CRAC Revenue Requirement</i>		
3 - Revenues required from Slice to cover actual LB CRAC costs	\$	\$51,206,658
4 - Revenues required from non-Slice to cover actual LB CRAC costs	\$	\$125,496,675
<i>sum</i>	\$	\$176,703,333
<i>120 Day Bill Adjustment in Dollars (negative indicates refund to customers)</i>		\$14,489,585
5 - Total Bill Adjustment for Slice - 120 Day Rule	\$	\$4,242,013
6 - Bill Adjustment for non-Slice - 120 Day Rule	\$	\$10,247,572
7 - Bill Adjustment non-Slice - 0 Day Rule	\$	\$3,402,645
8 - Total Bill Adjustment for non-Slice - (Sum of 0 Day Rule + 120 Day Rule)	\$	\$13,650,216
9 - Total Bill Adjustment Slice + non-Slice (row 5 + row 8)	\$	\$17,892,229
<i>Rows 10, 11 are the adjustment factors used to determine individual customer bill adjustments</i>		
10 - Adjustment factor for each Slice customer bill		0.003019
11 - Adjustment factor for each non-Slice customer bill		0.003963

- 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	\$	\$168,782,510	aMW	994
2 - Net Short Costs	\$	\$59,759,330	aMW	96
3 - Load Reduction Costs	\$	\$104,282,961		
4 - Gross Augmentation Costs in LB CRAC	\$	\$310,179,158	aMW	1,090
5 - Revenues from Resale of Augmentation Quantity	\$	\$133,475,825	aMW	1,090
6 - Actual Net Augmentation Costs in LB CRAC - 120 Day Rule (= 4-5)	\$	\$176,703,333	aMW	1,090
Rows 7, 8, 9 revenue calculations are the revenues BPA earned under LB CRAC'ed rates				
7 - Total Revenues from Slice	\$	\$234,219,701	aMW	1,600
8 - Total Revenues from non-Slice products	\$	\$574,022,885	aMW	5,001
9 - Total Revenue with LB CRAC Applied (= 7+8)	\$	\$808,242,586		

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	\$	\$168,782,510	aMW	994
2 - Net Short Costs - 0 Day Rule	\$	\$63,161,975	aMW	96
3 - Load Reduction Costs	\$	\$104,282,961		
4 - Gross Augmentation Costs in LB CRAC - 0 Day Rule	\$	\$313,581,802	aMW	1,090
5 - Revenues from Resale of Augmentation Quantity	\$	\$133,475,825	aMW	1,090
6 - Actual Net Augmentation Costs in LB CRAC 0 Day Rule (= 4-5)	\$	\$180,105,977	aMW	1,090

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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Table 12: Average Net Augmentation Need and Net Short Position				
		<u>Oct-05</u>	<u>Jan-06</u>	<u>Oct-05</u>
		<u>to</u>	<u>to</u>	<u>to</u>
		<u>Dec-05</u>	<u>Mar-06</u>	<u>Mar-06</u>
1 - Net System Load	aMW	6,560	7,067	6,814
2 - System Capability	aMW	5,630	5,855	5,743
3 - Net Augmentation Need (w/losses)	aMW	947	1,233	1,090
4 - Net Short Position	aMW	38	433	235
	HLH	31	414	222
	LLH	44	452	248

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	Oct-Nov	Dec-Jan	Feb-Mar
Slice Load Served		aMW	1,600	1,600	1,600
PF Load Served					
	HLH	aMW	4,396	4,798	4,594
	LLH	aMW	3,877	4,292	4,083
RL Load Served					
	HLH	aMW	382	382	382
	LLH	aMW	382	382	382
IP Load Served					
	HLH	aMW	265	265	265
	LLH	aMW	265	266	265

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

Table 14: Quarterly LDD & C&R Dollars		units	Oct-Nov	Dec-Jan	Feb-Mar
LDD Slice Costs		\$	411,082	411,082	411,082
LDD Non-Slice Costs		\$	1,165,716	1,054,558	1,110,137
C&R Slice Costs		\$	583,841	583,841	583,841
C&R Non-Slice Costs		\$	2,257,104	2,262,431	2,259,768

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

Table 15: Average Pre-Purchase Quantities to Meet Augmentation Need			Oct-Nov	Dec-Jan	Feb-Mar
1 - Augmentation Market Purchases - 120 Day Rule					
	HLH	aMW	1,077	696	886
	LLH	aMW	1,047	657	852
1 - Augmentation Market Purchases - 0 Day Rule					
	HLH	aMW	1,077	696	886
	LLH	aMW	1,047	657	852
2 - Augmentation Power Buybacks - 120 Day Rule					
	HLH	aMW	124	124	124
	LLH	aMW	124	124	124
2 - Augmentation Power Buybacks - 0 Day Rule					
	HLH	aMW	124	124	124
	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 CRAC 9

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Table 16: Average Monthly Net System Load, Net Augmentation Need, Net Short Position				
		Forecast	Actual	Actual-Fcst
Net System Load	aMW	6,604	6,814	209
System Capability	aMW	5,743	5,743	0
Net Augmentation Need (w/losses)	aMW	877	1,090	213
Net Short Position	aMW	114	235	122
	HLH	119	222	103
	LLH	108	248	140

Table 17: Selected Total Cost and Revenue Calculations				
		Forecast	Actual (120 Day)	Actual-Fcst
Augmentation Pre-Purchase Costs	\$	172,613,100	168,782,510	-3,830,590
Net Short Costs	\$	29,859,156	59,759,330	29,900,175
Load Reduction Costs	\$	105,222,232	104,282,961	-939,271
Gross Augmentation Costs in LB CRAC	\$	268,293,757	310,179,158	41,885,400
Augmentation Costs Covered by Base Rates	\$	107,635,449	133,475,825	25,840,376
Net Augmentation Costs (= 4-5)	\$	160,658,308	176,703,333	16,045,025
Revenue Earned from the LB CRAC	\$	160,658,308	162,213,748	1,555,440

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	4,492	4,594	103
	LLH	3,979	4,083	104
RL Load to Serve	aMW			
	HLH	379	382	3
	LLH	379	382	3
IP Load to Serve	aMW			
	HLH	272	265	-7
	LLH	272	265	-7
Augmentation Pre-Purchase Costs -120 Day (note: this includes mkt. Pre-purchase cost + fixed & var. portion of power buybacks)	HLH \$	16,403,321	16,229,193	-174,128
	LLH \$	12,365,529	11,901,225	-464,304
Load Reduction Costs				
	HLH \$	10,020,595	9,933,016	-87,579
	LLH \$	7,516,444	7,447,477	-68,966
LDD Slice Costs	\$	791,670	411,082	-380,588
LDD Non-Slice Costs	\$	0	1,110,137	1,110,137
C&R Slice Costs	\$	76,212	583,841	507,629
C&R Non-Slice Costs	\$	888,790	2,259,768	1,370,978

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	497	NA
	IOU	aMW	620	NA
	Other	aMW	90	NA
Augmentation Market Purchases - 120 Day Rule				
	HLH	aMW	859	886
	LLH	aMW	899	852
Augmentation Market Purchases - 0 Day Rule**				
	HLH	aMW	NA	886
	LLH	aMW	NA	852
Augmentation Power Buybacks - 120 Day Rule				
	HLH	aMW	124	124
	LLH	aMW	122	124
Augmentation Power Buybacks - 0 Day Rule**				
	HLH	aMW	NA	124
	LLH	aMW	NA	124

* Actual load reductions are not calculated.

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