Total Results - Tables 1-3

Table 1 - 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	\$	\$44,077,031			
2 - LB CRAC revenues earned from non-Slice products	\$	\$96,722,314			
Rows 3, 4 are the actual LB CRAC Revenue Requirement					
3 - Revenues required from Slice to cover actual LB CRAC costs	\$	\$39,832,648			
4 - Revenues required from non-Slice to cover actual LB CRAC costs	\$	\$86,776,972			
Bill Adjustment in Dollars (negative indicates refund to customers)					
5 - Total Bill Adjustment for Slice - 120 Day Rule	\$	-\$4,244,383			
6 - Bill Adjustment for non-Slice - 120 Day Rule	\$	-\$9,945,342			
7 - Bill Adjustment non-Slice - 0 Day Rule	\$	-\$777,906			
8 - Total Bill Adjustment for non-Slice - (Sum of 0 Day Rule + 120 Day Rule)	\$	-\$10,723,248			
9 - Total Bill Adjustment Slice + non-Slice (row 6 + row 8)	\$	-\$14,967,631			
Rows 10, 11 are the adjustment factors used to determine individual customer bill adjust	tments				
10 - Adjustment factor for each Slice customer bill		(0.010252778)			
11 - Adjustment factor for each non-Slice customer bill		(0.011890168)			

- 1 Incremental Revenues from the LB CRAC increment to the May 2000 Slice rate for Oct. '01- March '02.
- 2 Incremental Revenues from the LB CRAC increment to the May 2000 non-Slice rates for Oct. '01- March '02.
- 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 1 row 1 Table 1.
- 6 Row 4 table 1 row 2 Table 1.
- 7 Row 6 table 3 row 6 Table 2.
- 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.

Table 2 - Total Cost and Revenue Calculations - 120 Day Rule					
1 - Augmentation Pre-Purchase Costs	\$	\$152,193,858			
2 - Net Short Costs	\$	\$0			
3 - Load Reduction Costs	\$	\$98,887,183			
4 - Total Gross Augmentation Costs in LB CRAC	\$	\$169,163,207			
5 - Revenues from Resale of Augmentation Quantity	\$	\$42,553,588			
6 - Actual Net Augmentation Costs in LB CRAC - 120 Day Rule (= 4-5)	\$	\$126,609,620			
Rows 7, 8, 9 revenue calculations are the revenues BPA earned under LB CRAC'ed	d rates				
7 - Total Revenues from Slice	\$	\$137,991,323			
8 - Total Revenues from non-Slice products	\$	\$300,619,461			
9 - Total Revenue with LB CRAC Applied (= 7+8)	\$	\$438,610,784			

- 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 bourn by Slice and non-Slice.
- 4 If row 4 total is less than sum 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 3 - Total Cost and Revenue Calculations	s - 0 Day Rule	
1 - Augmentation Pre-Purchase Costs - 0 Day Rule	\$	\$160,266,198
2 - Net Short Costs - 0 Day Rule	\$	\$0
3 - Load Reduction Costs	\$	\$98,887,183
4 - Total Gross Augmentation Costs in LB CRAC - 0 Day Rule	\$	\$168,385,301
5 - Revenues from Resale of Augmentation Quantity	\$	\$42,553,588
6 - Actual Net Augmentation Costs in LB CRAC 0 Day Rule (= 4-5)	\$	\$125,831,714

- 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 bourn by Slice and non-Slice.
- 4 If row 4 total is less than sum rows (1+2+3), some costs in rows 1+2 are being excluded from recovery from LB CRAC. Also, the Chase product 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

MODEL OVERVIEW LB CRA	C CALCULATIONS FOR THE TRUE-UP
<u>Housekeeping</u>	
Analysis Parameters	This worksheet is the place where values for a number of variables are input from the look forward analysis and certain variables defining the term and months in a given look back true-up are input and set.
Definitions	Definition of variable definitions in the GRSPs.
Data Input	
Load Inputs	Input of base loads, load reductions amounts by rate schedule.
120-Day Rule Pre-Purchases - Inputs	Input of market purchases and power buybacks by diurnal period by month (both quantity and costs) that are acquired no sooner than 120-days before the beginning of each separate month.
0-Day Rule Pre-Purchases - Inputs	Input of market purchases and power buybacks by diurnal period by month (both quantity and costs) that are acquired up to the beginning of each separate month (includes purchases included in 120-day rule worksheet).
Fixed Buydown Costs & Rates	Input of fixed costs and rates by rate schedule.
Output Worksheets	
Total Results	Reports total cost, revenues, bill adjustments.
Selected Results - Monthly	Reports results for a variety of dependent variables and Inputs on a monthly level and some on a diurnal monthly level.
Avg. Net Aug. Need + Net Short	Reports gross augmentation need, net augmentation need, net short position.
Quarterly Inputs	Reports inputs to a quarterly and 6-month level of aggregation (when applicable) using simple averaging.
Calculations	
Calculated Inputs	Values for independent variables that are dependent on aggregation of user provided data inputs
	Also contains calculation of costs for rate mitigation deals (both load reduction and power buybacks) tied to LB CRAC.
120-Day Rule Calc's	Performs calculation of LB CRAC gross costs, net costs, revenues using purchases included in 120-Day Rule pre-purchases.
0-Day Rule Calc's	Performs calculation of LB CRAC gross costs, net costs, revenues using purchases included in 0-Day Rule pre-purchases.
Lookback Calculation	Performs the calculations used to determine what surcharge or rebate is required for the true-up.

Analysis Parameters

- 1. This worksheet contains parameters input to the analysis of two kinds: (a) the term covered by the look back analysis, and (b) values from the look forward analysis done for this same term and important in the look back calculations.
- 2. Italic sections have a link to an external data source with the value hardwired in this model.

A. Number of Months in Analysis

B. Months (names)	Oct	Nov	Dec
C. Diurnal Hours	Oct	Nov	Dec
HLH	432	416	416
LLH	313	304	328

D. System Capability (these numbers are fixed and equal the number for that month used in the look forward calculation)

	OCI	NOV	Dec
aMW	4,976	5,464	5,886

E. Base Rates from the Look Forward Analysis		Oct	Nov	Dec
Slice	Slice \$/1% Slice		\$1,419,430	\$1,419,430
5 yr PF-02 and IP-02 RATE[NS]				
HLH	\$/MWh	\$16.27	\$22.00	\$22.65
LLH	\$/MWh	\$11.76	\$17.71	\$17.37
Demand	\$/kW-mo.	\$1.76	\$2.31	\$2.31
Load Variance	\$/MWh	\$0.80	\$0.80	\$0.80
DSI - IPTAC (A)				
HLH	\$/MWh	\$20.03	\$25.76	\$26.41
LLH	\$/MWh	\$15.52	\$21.47	\$21.13
Demand	\$/kW-mo.	\$1.76	\$2.31	\$2.31
DSI - IPTAC (B)				
HLH	\$/MWh	\$21.53	\$27.26	\$27.91
LLH	\$/MWh	\$17.02	\$22.98	\$22.63
Demand	\$/kW-mo.	\$1.76	\$2.31	\$2.31
Stepped PF rates				
HLH	\$/MWh	\$15.67	\$21.40	\$22.05
LLH	\$/MWh	\$11.16	\$17.11	\$16.77
Demand	\$/kW-mo.	\$1.76	\$2.31	\$2.31
Load Variance	\$/MWh	\$0.80	\$0.80	\$0.80

F. Revised Rates from LB CRAC Look Forward

F. Revised Rates from LB CRAC Look Forward		Oct	Nov	Dec
Slice	ice \$/1% Slice		\$2,077,598	\$2,077,598
5 yr PF-02 and IP-02 RATE[NS]				
HLH	\$/MWh	\$23.79	\$32.17	\$33.12
LLH	\$/MWh	\$17.20	\$25.90	\$25.40
Demand	\$/kW-mo.	\$2.57	\$3.38	\$3.38
Load Variance	\$/MWh	\$1.17	\$1.17	\$1.17
DSI - IPTAC (A)				
HLH	\$/MWh	\$29.29	\$37.67	\$38.62
LLH	\$/MWh	\$22.69	\$31.39	\$30.90
Demand	\$/kW-mo.	\$2.57	\$3.38	\$3.38
DSI - IPTAC (B)				
HLH	\$/MWh	\$21.53	\$27.26	\$34.92
LLH	\$/MWh	\$17.02	\$22.98	\$26.17
Demand	\$/kW-mo.	\$1.76	\$2.31	\$3.16
Stepped PF rates	_			
HLH	\$/MWh	\$22.91	\$31.29	\$32.24
LLH	\$/MWh	\$16.32	\$25.02	\$24.52
Demand	\$/kW-mo.	\$2.57	\$3.38	\$3.38
Load Variance	\$/MWh	\$1 17	\$1 17	\$1 17

G. 120 Day Rule Mark-to-Market Prices		Oct	Nov	Dec
Price of Augmentation not Pre-Purchased (same prices used in look forward)				
HLH	\$/MWh	140.26	140.26	140.26
LLH		95.14	95.14	95.14

H. Variable Component of the Pre Purchase Costs

Determined in the Look Forward Ana	alysis	Oct	Nov	Dec
HLH	\$	1,954,794	2,300,355	2,175,531
LLH	\$	1,606,383	2,240,084	2,262,711

I. Melded PF Price from Look Forward with LB CRAC Applied

\$/MWh

Definitions

AAMTA Augmentation Amount Actual

ACTUALLBCREVREQ Actual LB CRAC Revenue Required

ACTUALLBCREVREQ[NS] Actual LB CRAC Revenue Required [Non-Slice]
ACTUALLBCREVREQ[S] Actual LB CRAC Revenue Required [Slice]

ADJUST[NS] Adjustment to a Purchaser's Non-Slice Monthly Bill ADJUST[S] Adjustment to a Purchaser's Slice Monthly Bill

APP Augmentation Pre–Purchase BUYDOWN Cost of Load Buydown

C&R[NS] Conservation and Renewable Discount– Non-Slice
C&R[S] Conservation and Renewable Discount– Slice
CUSTREV[NS] Customer Revenue with LB CRAC – Non-Slice
CUSTREV[S] Customer Revenue with LB CRAC - Slice

DIURNALACA Actual Diurnal Augmentation Cost

HLH Heavy Load Hours - 6 a.m. to 10 p.m., Monday through Saturday

LBCREV[NS]

LB CRAC Revenues [Non-Slice] Received by BPA

LBCREV[S]

LB CRAC Revenues [Slice] Received by BPA

LDD[NS] Low Density Discount Non-Slice LDD[S] Low Density Discount Slice

LLH Light Load Hours - 10 p.m. to 6 a.m. Monday through Saturday and all day Sunday.

LOAD[NS] Non-Slice Load Subject to LB CRAC LOAD[S] Slice Load Subject to LB CRAC

MARRA Monthly Augmentation Resale Revenues Actual

MSC Monthly System Capability
NACA Net Augmentation Cost Actual
NACDIFF Net Augmentation Cost Difference

NSL[A] Actual Non-Slice Load

OC Option Costs

PRICE Price For Forecasted Augmentation Amounts Not Pre-Purchased

RATE[NS]

Non-Slice Rates Without LB CRAC
RATE[S]

Slice Rate without LB CRAC
REVDIFF[NS]

Revenue Difference Non-Slice
REVRATE[NS]

REVRATE[NS]

REVRATE[S]

Adjusted Non-Slice Rates
REVRATE[S]

Adjusted Slice Rate

REVw/LBC[NS] Actual Non-Slice Revenues
REVw/LBC[S] Actual Slice Revenues
REVw/oLBC[NS] Baseline Non-Slice Revenues
REVw/oLBC[S] Baseline Slice Revenues

SALESMAYAUGA Actual Sales of Existing Augmentation Quantity
SALESNEWAUGA Sales of New Augmentation Quantity Actual

TAUGCA Total Augmentation Cost Actual

TARRA Total Augmentation Resale Revenue Actual

TCAPPA Total Cost of Augmentation Pre-Purchases Actual Non-Slice

TREVw/LBC[NS] Total Revenues for Non-Slice With LB CRAC TREVw/LBC[S] Total Revenues for Slice with LB CRAC

TTREVw/LBC Total Revenues with LB CRAC

TREVw/oLBC[NS]
Total Non-Slice Revenues Without LB CRAC
TREVw/oLBC[S]
Total Slice Revenues without LB CRAC
TOtal Revenues without LB CRAC
TLA
Transmission Loss Adjustment

Table 4 - Monthly Results

	I abic T	- Mondiny is	Courto		
120-Day Rule Prices		Oct	Nov	Dec	1
	HLH Pric	e 140.26	140.26	140.26	
	LLH Pric		95.14	95.14	
0-Day Rule Prices					
	HLH Pric	e 24.42	35.55	30.08	
	LLH Pric		28.51	25.16	
System Load		5,618	6,252	6,480	6,117
System Capability		4,976	5,464	5,886	5,442
Gross Aug Need		642	788	594	675
Net Aug Need (w/losses)		654	802	605	687
120-Day Rule					
Power Buybacks					
	HLI	H 169	172	160	167
	LLI	H 252	276	261	263
Market Pre-purchase	HLH	1,283	1,236	1,238	1,252
	LLI	H 1,257	1,327	1,325	1,303
Total	HLH	1,452	1,408	1,397	
	LLI	H 1,509	1,603	1,586	
0-Day Rule					
Power Buybacks					
	HLI		290	278	264
	LLI	H 307	397	374	359
Market Pre-purchase	HLH	1,283	1,236	1,238	1,252
	LLI	H 1,257	1,327	1,325	1,303
Total	HLH	1,505	1,526	1,515	
	LLI		1,725	1,698	
Net Short Position	HLH	0	0	0	0
120 Day Bula Diurnal Augment	LLI		0	0	0
120-Day Rule Diurnal Augment	ation Costs in L		¢4E 20E 4E2	¢40 004 464	
LLH		\$13,647,734 \$9,221,841	\$15,385,153 \$10,570,343	\$12,334,164 \$9,133,211	
Total		\$22,869,575	\$25,955,496	\$21,467,375	
120 Day Total Gross Aug. Costs		\$169,163,207	φ25,955,490	φ21,401,313	
0-Day Rule Diurnal Augmentati	on Costs in LR				
HLH	003t3 iii ED	\$13,544,699	\$15,175,393	\$12,117,395	
LLH		\$9,170,957	\$10,478,612	\$9,027,485	
Total		\$22,715,656	\$25,654,005	\$21,144,879	
0 Day Total Gross Aug. Costs		\$168,385,301	Ψ20,004,000	Ψ21,1-1-1,013	
(note: total gross aug. costs = sui	m of diurnal cost		costs - cradits fo	r Chase	
Revenues from the resale of au			1 00010 - 0180118 10	Ullase	1
HLH	g.nentation all	\$7,933,647	\$9,377,210	\$7,068,608	
LLH		\$5,748,221	\$6,852,577	\$5,573,325	
Total Resale Revenue		\$42,553,588	ψ0,002,011	ψυ,υτυ,υ2υ	
120-Day Net Augmentation Cos	st Actual	\$126,609,620			1
0-Day Net Augmentation Cost		\$125,831,714			
NACDIFF (0 Day NACA - 120 Da		-\$777,906			
Revenue calculated using actu			nus (I DD under	May 2000 rates	1
Rev w/o LBC(S)	ai ioaus aliu Ma	\$31,304,764	\$31,304,764	\$31,304,764	
Rev w/o LBC(S)		\$49,607,116	\$74,976,859	\$79,313,173	
Total Revenue BPA <u>would have</u>	Received	\$297,811,439		Ψ10,010,110	
. C.C. NOTOLIGO DI A MOGICI HOVE				oc + C&P)	1
Payanua using actual loads 9 l	B CDAC rates			SO T COIL	
Revenue using <u>actual</u> loads & I	LB CRAC rates,				
Rev w/ LBC(S)	LB CRAC rates,	\$45,997,108	\$45,997,108	\$45,997,108	
Rev w/ LBC(S) Rev w/ LBC(NS)		\$45,997,108 \$73,420,815			
Rev w/ LBC(S)		\$45,997,108	\$45,997,108	\$45,997,108	

Table 5 - Selected Quarterly and Total Results - Look Back

Table 5 - Average Net Augmentation Need and Net Short Position				
		<u>Oct</u>		
		<u>to</u>		
		<u>Dec</u>		
1 - Net System Load	aMW	6,117		
2 - System Capability	aMW	5,442		
3 - Net Augmentation Need (w/losses)	aMW	687		
4 - Net Short Position	aMW	0		
HLH	aMW	0		
LLH	aMW	0		

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

- 1 For the true up, net system load is the actual load.
- 2 System Capability monthly amounts were established in the rate case.
- 3 Net Augmentation Need reflects net system load minus system capability plus 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.

Quarterly Inputs - Tables 6-8

Table 6 - Quarterly Average Loads		units	Oct- Dec
Slice Load		aMW	1,600
PF Load Served			
	HLH	aMW	4,082
	LLH	aMW	3,629
RL Load Served			
	HLH	aMW	350
	LLH	aMW	350
IP Load Served			
	HLH	aMW	64
	LLH	aMW	63

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

Table 7 - Quarterly LDD & C&R Dollars	units	Oct-Dec
LDD Slice Costs	\$	436,838
LDD Non-Slice Costs	\$	1,154,119
C&R Slice Costs	\$	583,841
C&R Non-Slice Costs	\$	2,315,097

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

Table 8 - Average Pre-Purchase Quantities to Meet Augm	entation Need	Oct-Dec
1 - Augmentation Market Purchases - 120 Day Rule		
HLH	aMW	1,252
LLH	aMW	1,303
1 - Augmentation Market Purchases - 0 Day Rule		
HLH	aMW	1,252
LLH	aMW	1,303
2 - Augmentation Power Buybacks - 120 Day Rule	aMW	
HLH	aMW	167
LLH	aMW	263
2 - Augmentation Power Buybacks - 0 Day Rule	aMW	
HLH	aMW	264
LLH	aMW	359

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

^{1 -} Includes only market purchases.

^{2 -} Includes rate mitigation with Block/Slice customers and IOU conversions from power to cash.

Loads

NOTE: The values in this table are all input from external sources and the links to the external sources are overridden.

A. Slice Loads - contract amount

	Units	Oct	Nov	Dec
Slice Load - West	aMW	1116	1116	1116
Slice Load - East	aMW	484	484	484

NOTE: all the demand and load variance sales for both 5-yr flat and stepped rates are contained in the 5-yr flat input cells.

B. 5-yr PF Loads

Load -West (metered for lo	oad followi	ng plus contra	act amount fo	or block)
HLH	MWh	928,670	1,000,252	949,977
LLH	MWh	602,937	673,541	669,795
Demand	MW-mo.	3,562	3,976	3,965
Load Variance	MWh	1,229,207	1,192,028	1,313,058
Load -East				
HLH	MWh	221,857	237,643	280,135
LLH	MWh	130,020	147,064	188,649
Demand	MW-mo.	851	883	981
Load Variance	MWh	493,469	496,955	616,785

C. Stepped PF Loads		Oct	Nov	Dec
Loads - West (metered	for load follow	ing plus con	tract amount f	for block)
HLH	MWh	381,192	438,475	489,748
LLH	MWh	243,409	283,625	324,016
Demand	MW-mo.	0	0	0
Load Variance	MWh	0	0	0
Loads - East				
HLH	MWh	78,371	66,236	87,678
LLH	MWh	54,598	46,873	65,142
Demand	MW-mo			
Load Variance	MWh			

D. DSI Loads

HLH	MWh	28,266	26,624	26,624
LLH	MWh	20,167	19,152	20,664
Demand	MW-mo.	68	64	64
DSI Load Reduction	(paid for and pric	e induced)		
Demand MW-mo).	1,418	1,422	1,422

E. IOU Loads		Oct	Nov	Dec
IOU loads				
HLH	MWh	151,200	145,600	145,600
LLH	MWh	109,550	106,400	114,800
Demand	MW-mo.	350	350	350

F. Net System Load for Monthly Augmentation Calculation (this amount is input and is the actual net system load)

Rate Case Loads	aMW	5,618	6,252	6,480
G. Chase Product		Oct	Nov	Dec
Sales	MWh	93	92	95
		_		
H. Diurnal Hours		Oct	Nov	Dec
H. Diurnal Hours		Oct 432	Nov 416	Dec 416

Augmentation Pre-Purchases - 120-Day Rule

1. Includes market purchases, power purchases from publics, power buybacks through rate mitigation from Block/Slice customers, and IOU conversions are included in this spreadsheet.

2. Data are from external sources and the links have	been overr	idden.		
Pi mad Hama		Oct	Nov	Dec
Diurnal Hours HLH		432	416	416
LLH		313	304	328
total		745	720	744
Section I - Purchases with Pricing that is NOT tied to	LB CRAC			
a. Market Purchases				
Quantity				
PURCHASE TOTAL HLH Completed: POST 8/1/00	MWh	143,856	134,000	134,800
TOTAL HLH Completed: PRE 8/1/00	MWh	410,400	380,000	380,000
PURCHASE TOTAL LLH Completed: POST 8/1/00 TOTAL LLH Completed: PRE 8/1/00	MWh MWh	96,091 297,350	99,520 304,000	107,672 326,800
Cost	IVIVVII	297,330	304,000	320,000
PURCHASE TOTAL HLH Completed: Pre 8/1/00	\$	11,490,120	10,639,000	10,639,000
PURCHASE TOTAL LLH Completed: Pre 8/1/00	\$	8,325,018	8,511,200	9,149,540
PURCHASE TOTAL HLH Completed: POST 8/1/00 PURCHASE TOTAL LLH Completed: POST 8/1/00	\$ \$	15,239,184 9,874,843	12,463,187 8,789,980	14,191,331 10,926,248
			0,700,000	10,020,240
 b. Purchases from Publics, IOUs, and DSIs, including (note: the power for money IOU conversions may go 	•		at the 120 day	
rule)	ili liele as	ong as mey me	et tile 120 day	
Quantity				
PURCHASE TOTAL HLH Completed: POST 8/1/00	MWh	4,320	4,000	4,000
TOTAL HLH Completed: PRE 8/1/00	MWh	-	-	-
PURCHASE TOTAL LLH Completed: POST 8/1/00	MWh	4,758	4,864	5,229
TOTAL LLH Completed: PRE 8/1/00	MWh	-	-	-
Cost				
PURCHASE TOTAL HLH Completed: POST 8/1/00 PURCHASE TOTAL LLH Completed: POST 8/1/00	\$ \$	129,600 103,845	120,000 106,167	120,000 114,130
			100, 107	114,130
Section II - Rate Mitigation Power Buybacks with Price	cing i lea to	LB CRAC		
a. 5-yr PF-02 (mitigation deals tied to Block only) PURCHASE TOTAL HLH Completed: POST 8/1/00	MWh	47,520	48,000	42,800
PURCHASE TOTAL LLH Completed: POST 8/1/00	MWh	58,844	63,360	63,640
Premium Component				
PURCHASE TOTAL HLH Completed: POST 8/1/00 PURCHASE TOTAL LLH Completed: POST 8/1/00	\$ \$	1,209,600 1,169,368	1,200,000 1,259,520	1,096,000 1,264,544
	Ψ	1,109,300	1,239,320	1,204,544
b. PF-02 (mitigation deals tied to Slice only) PURCHASE TOTAL HLH Completed: POST 8/1/00	MWh	21,168	19,600	19,600
PURCHASE TOTAL LLH Completed: POST 8/1/00	MWh	15,337	15,680	16,856
Premium Component				
PURCHASE TOTAL LLH Completed: POST 8/1/00	\$	297,760	275,704	275,704
PURCHASE TOTAL LLH Completed: POST 8/1/00	\$	215,738	220,563	237,105
c. RL-02 PURCHASE TOTAL HLH Completed: POST 8/1/00	MWh	_	_	_
PURCHASE TOTAL LLH Completed: POST 8/1/00	MWh	-	-	-
Premium Component				
PURCHASE TOTAL HLH Completed: POST 8/1/00 PURCHASE TOTAL LLH Completed: POST 8/1/00	\$ \$	-	-	-
	Ψ	-	-	-
d. Stepped PF Rates PURCHASE TOTAL HLH Completed: POST 8/1/00	MWh	_	_	_
PURCHASE TOTAL LLH Completed: POST 8/1/00	MWh	-	-	-
Premium Component				
PURCHASE TOTAL HLH Completed: POST 8/1/00 PURCHASE TOTAL LLH Completed: POST 8/1/00	\$ \$	-	-	-
·	Ψ	•	-	-
e. IP-02 PURCHASE TOTAL HLH Completed: POST 8/1/00	MWh	_	_	_
PURCHASE TOTAL LLH Completed: POST 8/1/00				
FUNCTIASE TOTAL LETT Completed. FUST 6/1/00	MWh	-	-	-
Premium Component		-	-	-
•	\$ \$	- - -	-	-

Augmentation Pre-Purchases - 0-Day Rule

- 1. This spreadsheet will include all the deals included in the 120-day rule worksheet plus deals in these categories that are made before the month but after the 120-day cutoff for that month that did not meet the 120-day cutoff.
- 2. Data are from external sources and the links have been overridden.

		Oct	Nov	Dec
Diurnal Hours				
HLH		432	416	416
LLH		313	304	328
total		745	720	744
Section I - Purchases with Pricing that is NOT tied to	LB CRAC			
a. Market Purchases				
Quantity	N 4) A //-	440.050	424.000	424.000
PURCHASE TOTAL HLH Completed: POST 8/1/00 TOTAL HLH Completed: PRE 8/1/00	MWh MWh	143,856 410,400	134,000 380,000	134,800 380,000
TOTAL HLH Completed. PRE 8/1/00	IVIVVII	410,400	360,000	300,000
PURCHASE TOTAL LLH Completed: POST 8/1/00	MWh	96,091	99,520	107,672
TOTAL LLH Completed: PRE 8/1/00	MWh	297,350	304,000	326,800
Cost	•	44 400 400	40,000,000	40,000,000
PURCHASE TOTAL HLH Completed: Pre 8/1/00	\$	11,490,120	10,639,000	10,639,000
PURCHASE TOTAL LLH Completed: Pre 8/1/00	\$	8,325,018	8,511,200	9,149,540
PURCHASE TOTAL HLH Completed: POST 8/1/00	\$	15,239,184	12,463,187	14,191,331
PURCHASE TOTAL LLH Completed: POST 8/1/00	\$	9,874,843	8,789,980	10,926,248
b. Purchases from Publics, IOUs, and DSIs plus IOU	conversions	i.		
Quantity				
PURCHASE TOTAL HLH Completed: POST 8/1/00	MWh	27,273	53,245	53,245
TOTAL HLH Completed: PRE 8/1/00	MWh	, -	-	· -
DUDCHASE TOTAL LI H Completed: DOST 9/1/00	MWh	21.955	41.759	40 104
PURCHASE TOTAL LLH Completed: POST 8/1/00 TOTAL LLH Completed: PRE 8/1/00	MWh	21,955	41,759	42,124
Cost	IVIVVII	-	-	-
PURCHASE TOTAL HLH Completed: POST 8/1/00	\$	1,001,827	1,991,323	1,991,323
PURCHASE TOTAL LLH Completed: POST 8/1/00	\$	757,318	1,508,164	1,516,127
·	•	•	1,000,101	.,0.0,.2.
Section II - Rate Mitigation Power Buybacks with Pri	icing Tied to I	LB CRAC		
a. 5-yr PF-02 (mitigation deals tied to Block only)				
PURCHASE TOTAL HLH Completed: POST 8/1/00	MWh	47,520	48,000	42,800
PURCHASE TOTAL LLH Completed: POST 8/1/00	MWh	58,844	63,360	63,640
Premium Component				
PURCHASE TOTAL HLH Completed: POST 8/1/00	\$	1,209,600	1,200,000	1,096,000
PURCHASE TOTAL LLH Completed: POST 8/1/00	\$	1,169,368	1,259,520	1,264,544
b. PF-02 (mitigation deals tied to Slice only)				
PURCHASE TOTAL HLH Completed: POST 8/1/00	MWh	21,168	19,600	19,600
PURCHASE TOTAL LLH Completed: POST 8/1/00	MWh	15,337	15,680	16,856
Premium Component				
PURCHASE TOTAL HLH Completed: POST 8/1/00	\$	297,760	275,704	275,704
PURCHASE TOTAL LLH Completed: POST 8/1/00	\$	215,738	220,563	237,105
c. RL-02				
PURCHASE TOTAL HLH Completed: POST 8/1/00	MWh	-	-	-
PURCHASE TOTAL LLH Completed: POST 8/1/00	MWh	-	-	-
Premium Component				
PURCHASE TOTAL HLH Completed: POST 8/1/00	\$	-	-	-
PURCHASE TOTAL LLH Completed: POST 8/1/00	\$	-	-	-
d. Stepped PF Rates				
PURCHASE TOTAL HLH Completed: POST 8/1/00	MWh	_	_	_
PURCHASE TOTAL LLH Completed: POST 8/1/00	MWh	_	_	_
Premium Component				
PURCHASE TOTAL HLH Completed: POST 8/1/00	\$	-	-	-
PURCHASE TOTAL LLH Completed: POST 8/1/00	\$	-	-	-
•				
e. IP-02 PURCHASE TOTAL HLH Completed: POST 8/1/00	MWh			
PURCHASE TOTAL LLH Completed: POST 8/1/00	MWh	<u> </u>		
Premium Component	IVIVVII	-		-
PURCHASE TOTAL HLH Completed: POST 8/1/00	\$	_		-
PURCHASE TOTAL LLH Completed: POST 8/1/00	\$	_	_	_

Load Reduction, C&D, LDD Cost Inputs and Rates

	Variable				
Inputs System Capability	Name MSC	Units aMW	Oct 4,976	Nov 5,464	Dec 5,886
LDD Costs Under the Revised Rates					
Low Density Discount - East	LDD(S) LDD(NS)	\$ \$	0 305,449	0 383,477	0 446,575
Low Density Discount - West	LDD(S)	\$	436,838	436,838	436,838
Low Density Discount - Total	LDD(NS) LDD(S)	\$ \$	551,144 436,838	817,564 436,838	958,147 436.838
	LDD (NS)	\$	856,593	1,201,041	1,404,722
LDD costs under May 2000 rates are est appropriate rate adjustment from the lo			ie and adjus	ting it using	tne
Low Density Discount - East	LDD(S)	\$	0	0	0
Low Density Discount - West	LDD(NS)	\$ \$	164,255 234,281	206,215 234,281	240,146 234,281
	LDD(NS)	\$	296,378	439,645	515,244
Low Density Discount - Total	LDD(S) LDD (NS)	\$ \$	234,281 460,633	234,281 645,860	234,281 755,389
Conservation and Renewables Discount - E		\$	326,948	327,270	334,089
Conservation and Renewables Discount - V	C&R(S) We C&R(NS)	\$ \$	106,300	106,300	106,300
Conservation and Renewables Discount - V	C&R(S)	\$ \$	1,164,819 477,541	1,178,743 477,541	1,171,763 477,541
Conservation and Renewables Discount - I	DSIC&R(NS)	\$	121,063	118,080	122,016
Conservation and Renewables Discount - I	OLC&R(NS)	\$	693,500	693,500	693,500
Conservation and Renewables Discount - 1	Tot: C&R(NS)	\$	2,306,330	2,317,593	2,321,368
Conservation and Nononables Bloodark	C&R(S)	\$	583,841	583,841	583,841
Total Cost of Load Reduction for deals don			126.057	112 005	110 902
	HLH LLH	\$ \$	136,057 101,655	112,805 83,565	119,892 89,965
Total premium portion of Load Reduction C	Costs for deals d	one @ a price \$			ub
	LLH	\$			
Total Cost of Load Reduction for deals don	e @ fixed price HLH	- West Hub \$	560,920	790,724	744,763
	LLH	\$	412,215	587,015	578,103
Total premium portion of Load Reduction C	Costs for deals d	one @ a price \$	tied to LB Cl	RAC - West F	lub
	LLH	\$			
Total Cost of Load Reduction done @ fixed	d prices - DSI HLH	\$	8,621,735	8,295,518	8,295,518
	LLH	\$	6,246,766	6,074,041	6,553,026
Total Cost of Load Reduction done @ fixed	HLH	\$	9,760,985	9,716,593	9,411,743
0-11	LLH	\$	7,072,195	7,100,587	7,420,797
Option Costs	OC HLH	\$			
	LLH	\$			
Rates without LB CRAC Applied - DO NO					
Slice Rate without LB CRAC 5 yr PF-02 and IP-02	RATE[S] RATE[NS]	\$/1% Slice	\$1,419,430	\$1,419,430	\$1,419,430
HĹH LLH		\$/MWh	\$16.27	\$22.00	\$22.65
Demand		\$/MWh \$/kW-mo.	\$11.76 \$1.76	\$17.71 \$2.31	\$17.37 \$2.31
Demand Load Variance					
Demand Load Variance DSI - IPTAC (A) HLH		\$/kW-mo. \$/MWh	\$1.76 \$0.80 \$20.03	\$2.31 \$0.80 \$25.76	\$2.31 \$0.80 \$26.41
Demand Load Variance DSI - IPTAC (A) HLH LLH		\$/kW-mo. \$/MWh \$/MWh	\$1.76 \$0.80 \$20.03 \$15.52	\$2.31 \$0.80 \$25.76 \$21.47	\$2.31 \$0.80 \$26.41 \$21.13
Demand Load Variance DSI - IPTAC (A) HLH LLH Demand DSI - IPTAC (B)		\$/kW-mo. \$/MWh \$/MWh \$/MWh \$/kW-mo.	\$1.76 \$0.80 \$20.03 \$15.52 \$1.76	\$2.31 \$0.80 \$25.76 \$21.47 \$2.31	\$2.31 \$0.80 \$26.41 \$21.13 \$2.31
Demand Load Variance DSI - IPTAC (A) HLH LLH Demand DSI - IPTAC (B) HLH		\$/kW-mo. \$/MWh \$/MWh \$/MWh \$/kW-mo.	\$1.76 \$0.80 \$20.03 \$15.52 \$1.76 \$21.53	\$2.31 \$0.80 \$25.76 \$21.47 \$2.31 \$27.26	\$2.31 \$0.80 \$26.41 \$21.13 \$2.31 \$27.91
Demand Load Variance DSI - IPTAC (A) HLH LLH Demand DSI - IPTAC (B) HLH LLH Demand		\$/kW-mo. \$/MWh \$/MWh \$/MWh \$/kW-mo.	\$1.76 \$0.80 \$20.03 \$15.52 \$1.76	\$2.31 \$0.80 \$25.76 \$21.47 \$2.31	\$2.31 \$0.80 \$26.41 \$21.13 \$2.31
Demand Load Variance DSI - IPTAC (A) HLH LUH Demand DSI - IPTAC (B) HLH LUH Demand SSI - IPTAC (B) HCH SSI		\$/kW-mo. \$/MWh \$/MWh \$/kW-mo. \$/MWh \$/MWh \$/kW-mo.	\$1.76 \$0.80 \$20.03 \$15.52 \$1.76 \$21.53 \$17.02 \$1.76	\$2.31 \$0.80 \$25.76 \$21.47 \$2.31 \$27.26 \$22.98 \$2.31	\$2.31 \$0.80 \$26.41 \$21.13 \$2.31 \$27.91 \$22.63 \$2.31
Demand Load Variance DSI - IPTAC (A) HLH LLH Demand DSI - IPTAC (B) HLH LLH Demand Stepped PF rates HLH LLH LLH		\$/kW-mo. \$/MWh \$/MWh \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/MWh	\$1.76 \$0.80 \$20.03 \$15.52 \$1.76 \$21.53 \$17.02 \$1.76 \$15.67 \$11.16	\$2.31 \$0.80 \$25.76 \$21.47 \$2.31 \$27.26 \$22.98 \$2.31 \$21.40 \$17.11	\$2.31 \$0.80 \$26.41 \$21.13 \$2.31 \$27.91 \$22.63 \$2.31 \$22.05 \$16.77
Demand Load Variance DSI - IPTAC (A) HLH LLH Demand DSI - IPTAC (B) HLH LLH LH Demand SSEPPED PF rates HLH		\$/kW-mo. \$/MWh \$/MWh \$/MWh \$/kW-mo. \$/MWh \$/kW-mo.	\$1.76 \$0.80 \$20.03 \$15.52 \$1.76 \$21.53 \$17.02 \$1.76	\$2.31 \$0.80 \$25.76 \$21.47 \$2.31 \$27.26 \$22.98 \$2.31 \$21.40	\$2.31 \$0.80 \$26.41 \$21.13 \$2.31 \$27.91 \$22.63 \$2.31 \$22.05
Demand Load Variance DSI - IPTAC (A) HLH LLH Demand DSI - IPTAC (B) HLH LLH Demand SSI-PTAC (B) HLH LLH Demand Stepped PF rates HLH LLH Demand		\$/kW-mo. \$/MWh \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh	\$1.76 \$0.80 \$20.03 \$15.52 \$1.76 \$21.53 \$17.02 \$1.76 \$15.67 \$11.16 \$1.76 \$0.80	\$2.31 \$0.80 \$25.76 \$21.47 \$2.31 \$27.26 \$22.98 \$2.31 \$21.40 \$17.11 \$2.31 \$0.80	\$2.31 \$0.80 \$26.41 \$21.13 \$2.31 \$27.91 \$22.63 \$2.31 \$22.05 \$16.77 \$2.31 \$0.80
Demand Load Variance DSI - IPTAC (A) HLH LLH Demand DSI - IPTAC (B) HLH LLH Demand Stepped PF rates HLH LLH Demand LLH LLH Demand LLH LLH Demand LLH LLH LLH LLH LLH LLH LLH LLH LLH LL	ed -120 Day Ru HLH LLH	\$/kW-mo. \$/MWh \$/MWh \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh	\$1.76 \$0.80 \$20.03 \$15.52 \$1.76 \$21.53 \$17.02 \$1.76 \$15.67 \$11.16 \$1.76	\$2.31 \$0.80 \$25.76 \$21.47 \$2.31 \$27.26 \$22.98 \$2.31 \$21.40 \$17.11 \$2.31	\$2.31 \$0.80 \$26.41 \$21.13 \$2.31 \$27.91 \$22.63 \$2.31 \$22.05 \$16.77 \$2.31
Demand Load Variance DSI - IPTAC (A) HLH LLH Demand DSI - IPTAC (B) HLH LLH Demand Stepped PF rates HLH LLH Demand LLH LLH Demand LLH LLH Demand LLH LLH LLH LLH LLH LLH LLH LLH LLH LL	HLH LLH ed - 0 Day Rule	\$/kW-mo. \$/MWh \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh	\$1.76 \$0.80 \$20.03 \$15.52 \$1.76 \$21.53 \$17.02 \$1.76 \$11.16 \$1.76 \$0.80 \$140.26 95.14	\$2.31 \$0.80 \$25.76 \$21.47 \$2.31 \$27.26 \$22.98 \$2.31 \$21.40 \$17.11 \$2.31 \$0.80 140.26 95.14	\$2.31 \$0.80 \$26.41 \$21.13 \$2.31 \$27.91 \$22.63 \$2.31 \$22.05 \$16.77 \$2.31 \$0.80 140.26 95.14
Demand Load Variance DSI - IPTAC (A) HLH UEMAND DEMAND BI - IPTAC (B) HLH LLH Demand Stepped PF rates HLH LLH Demand Stepped PF rates HLH Demand CHUMB DEMAND DEMAN	HLH LLH	\$/kW-mo. \$/MWh \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh	\$1.76 \$0.80 \$20.03 \$15.52 \$1.76 \$21.53 \$17.02 \$1.76 \$15.67 \$11.16 \$1.76 \$0.80	\$2.31 \$0.80 \$25.76 \$21.47 \$2.31 \$27.26 \$22.98 \$2.31 \$21.40 \$17.11 \$2.31 \$0.80	\$2.31 \$0.80 \$26.41 \$21.13 \$2.31 \$27.91 \$22.63 \$2.31 \$22.05 \$16.77 \$2.31 \$0.80
Demand Load Variance DSI - IPTAC (A) HLH LLH Demand DSI - IPTAC (B) HLH LLH Demand Stepped PF rates HLH LLH Demand Coad Variance Price of Augmentation not Pre-Purchase	HLH LLH ed - 0 Day Rule HLH LLH	\$/kW-mo. \$/MWh \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh	\$1.76 \$0.80 \$20.03 \$15.52 \$1.76 \$21.53 \$17.02 \$1.76 \$15.67 \$11.16 \$1.76 \$0.80 \$140.26 \$95.14	\$2.31 \$0.80 \$25.76 \$21.47 \$2.31 \$27.26 \$22.98 \$2.31 \$21.40 \$17.11 \$2.31 \$0.80 \$195.14 \$35.55 28.51	\$2.31 \$0.80 \$26.41 \$21.13 \$2.31 \$2.7.91 \$22.63 \$2.31 \$22.05 \$16.77 \$2.31 \$0.80 \$140.26 95.14
Demand Load Variance DSI - IPTAC (A) HLH LUH Demand DSI - IPTAC (B) HLH LUH Demand Stepped PF rates HLH LUH Demand Code Variance Price of Augmentation not Pre-Purchase Rates with LB CRAC Applied Do NOT IN Slice Rate without LB CRAC	HLH LLH ed - 0 Day Rule HLH LLH IPUT HERE - se RATE[S]	\$/kW-mo. \$/MWh \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh	\$1.76 \$0.80 \$20.03 \$15.52 \$1.76 \$21.53 \$17.02 \$1.76 \$15.67 \$11.16 \$1.76 \$0.80 \$140.26 \$95.14	\$2.31 \$0.80 \$25.76 \$21.47 \$2.31 \$27.26 \$22.98 \$2.31 \$21.40 \$17.11 \$2.31 \$0.80 \$140.26 95.14	\$2.31 \$0.80 \$26.41 \$21.13 \$2.31 \$27.91 \$22.63 \$2.31 \$22.05 \$16.77 \$2.31 \$0.80 \$5.14
Demand Load Variance DSI - IPTAC (A) HLH LUH Demand DSI - IPTAC (B) HLH LLH Demand Stepped PF rates HLH LLH Demand Stepped of Prates HLH LH Demand Reped of Augmentation not Pre-Purchase Price of Augmentation not Pre-Purchase Rates with LB CRAC Applied Do NOT IN Slice Rate without LB CRAC 5 yr PF-02 and IP-02	HLH LLH ed - 0 Day Rule HLH LLH IPUT HERE - se	\$/kW-mo. \$/MWh \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kWh-mo. \$/MWh	\$1.76 \$0.80 \$20.03 \$15.52 \$1.76 \$21.53 \$17.02 \$1.76 \$15.67 \$11.16 \$1.76 \$0.80 \$0.80 \$140.26 \$95.14 \$24.42 \$19.85 \$2.077,598	\$2.31 \$0.80 \$25.76 \$21.47 \$2.31 \$27.26 \$22.98 \$2.31 \$21.40 \$17.11 \$2.31 \$0.80 \$0.51 \$40.26 \$2.95	\$2.31 \$0.80 \$26.41 \$21.13 \$2.31 \$27.91 \$22.63 \$2.31 \$22.05 \$16.77 \$2.31 \$0.80 \$0.95 \$14 \$0.80 \$2.95 \$16.77 \$1.95 \$
Demand Load Variance DSI - IPTAC (A) HLH LLH Demand DSI - IPTAC (B) HLH LLH Demand Stepped PF rates HLH LLH Demand Coad Variance Price of Augmentation not Pre-Purchase Rates with LB CRAC Applied Do NOT IN Slice Rate without LB CRAC 5 yr PF-02 and IP-02 HLH LLH	HLH LLH ed - 0 Day Rule HLH LLH IPUT HERE - se RATE[S]	\$/kW-mo. \$/MWh \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/fWh \$/fWh \$/fWh \$/fWh \$/fWh \$/fWh	\$1.76 \$0.80 \$20.03 \$15.52 \$1.76 \$21.53 \$17.02 \$1.76 \$15.67 \$11.16 \$1.76 \$0.80 \$1.76 \$0.80 \$1.40 \$2.077.598 \$2.077.598	\$2.31 \$0.80 \$25.76 \$21.47 \$2.31 \$27.26 \$22.98 \$2.31 \$21.40 \$17.11 \$2.31 \$0.80 \$140.26 95.14 \$35.55 28.51 \$2.97,7598 \$32.17	\$2.31 \$0.80 \$26.41 \$21.13 \$2.31 \$2.791 \$22.63 \$2.31 \$22.05 \$16.77 \$2.31 \$0.80 \$2.14 \$30.08 \$2.16 \$30.08 \$2.077.598
Demand Load Variance DSI - IPTAC (A) HLH LLH Demand DSI - IPTAC (B) HLH LLH Demand Stepped PF rates HLH LLH Demand Stepped PF rates HLH Demand Stepped PF rates HLH Demand Stepped PF rates HLH Demand Load Variance Price of Augmentation not Pre-Purchase Price of Augmentation not Pre-Purchase Stepped PF rates HLH Demand LSE PF rates HLH DEMAND STEPPED RATES Rates with LB CRAC Applied Do NOT IN Slice Rate without LB CRAC S yr PF-02 and IP-02 HLH LHH Demand	HLH LLH ed - 0 Day Rule HLH LLH IPUT HERE - se RATE[S]	\$/kW-mo. \$/MWh \$/MWh \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh	\$1.76 \$0.80 \$20.03 \$15.52 \$1.76 \$21.53 \$17.02 \$1.76 \$15.67 \$11.16 \$1.76 \$0.80 140.26 95.14 24.42 19.85 \$23.77,598	\$2.31 \$0.80 \$25.76 \$21.47 \$2.31 \$27.26 \$22.98 \$2.31 \$21.40 \$17.11 \$2.31 \$0.80 140.26 95.14 35.55 28.51 orksheet \$2.077,598	\$2.31 \$0.80 \$26.41 \$21.13 \$2.31 \$27.91 \$2.263 \$2.31 \$2.205 \$16.77 \$2.31 \$0.80 140.26 95.14 30.08 25.16 \$2.077,598
Demand Load Variance DSI - IPTAC (A) HLH UH Demand DSI - IPTAC (B) HLH LH Demand Stepped PF rates HLH LLH Demand Stepped of Augmentation not Pre-Purchase Price of Augmentation not Pre-Purchase Rates with LB CRAC Applied Do NOT IN Slice Rate without LB CRAC 5 yr PF-02 and IP-02 HLH LLH Demand Load Variance PSI - IPTAC (A)	HLH LLH ed - 0 Day Rule HLH LLH IPUT HERE - se RATE[S]	\$/kW-mo. \$/MWh \$/MWh \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh	\$1.76 \$0.80 \$20.03 \$15.52 \$1.76 \$21.53 \$17.02 \$1.76 \$15.67 \$11.16 \$1.76 \$0.80 \$0.80 \$140.26 \$95.14 \$2.077.598 \$2.077.598 \$2.379 \$17.20 \$2.57 \$1.17	\$2.31 \$0.80 \$25.76 \$21.47 \$2.31 \$27.26 \$22.98 \$2.31 \$21.40 \$17.11 \$2.31 \$0.80 \$140.26 95.14 35.55 28.51 orksheet \$2.077,598 \$32.17 \$25.90 \$33.98 \$1.17	\$2.31 \$0.80 \$26.41 \$21.13 \$2.31 \$27.91 \$22.63 \$2.31 \$22.05 \$16.77 \$2.31 \$0.80 \$0.51 \$0.80 \$2.516 \$2.077,598 \$33.12 \$25.40 \$33.8 \$1.17
Demand Load Variance DSI - IPTAC (A) HLH UH Demand DSI - IPTAC (B) HLH LLH Demand Stepped PF rates HLH LLH Demand Load Variance Price of Augmentation not Pre-Purchase Rates with LB CRAC Applied Do NOT IN Slice Rate without LB CRAC 5 yr PF-02 and IP-02 HLH LLH Demand Load Variance	HLH LLH ed - 0 Day Rule HLH LLH IPUT HERE - se RATE[S]	\$/kW-mo. \$/MWh \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/f	\$1.76 \$0.80 \$20.03 \$15.52 \$1.76 \$21.53 \$17.02 \$1.76 \$15.67 \$11.16 \$1.76 \$0.80 \$1.40.26 95.14 \$2.077.598 \$23.79 \$17.20 \$2.379 \$17.20 \$2.57	\$2.31 \$0.80 \$25.76 \$21.47 \$2.31 \$27.26 \$22.98 \$2.31 \$21.40 \$17.11 \$2.31 \$0.80 \$95.14 \$0.80 \$2.91 \$0.80 \$2.91 \$0.80 \$0.77,598 \$3.2.17 \$3.2.17 \$3.3.38	\$2.31 \$0.80 \$26.41 \$21.13 \$2.31 \$27.91 \$22.63 \$2.31 \$22.05 \$16.77 \$2.31 \$0.80 \$5.14 30.08 \$25.16 \$2.077,598 \$33.12 \$25.56 \$33.12 \$25.56 \$33.12 \$25.56 \$33.12
Demand Load Variance DSI - IPTAC (A) HLH LUH Demand DSI - IPTAC (B) HLH LLH Demand Stepped PF rates HLH LUH Demand Stepped PF rates HLH Demand Stepped PF rates HLH Demand Load Variance Price of Augmentation not Pre-Purchase Rates with LB CRAC Applied Do NOT IN Slice Rate without LB CRAC 5 yr PF-02 and IP-02 HLH LUH Demand Load Variance DSI - IPTAC (A) HLH LUH Demand Load Variance DSI - IPTAC (A) HLH LUH Demand	HLH LLH ed - 0 Day Rule HLH LLH IPUT HERE - se RATE[S]	\$/kW-mo. \$/MWh \$/MWh \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/MWh \$/MWh \$/MWh	\$1.76 \$0.80 \$20.03 \$15.52 \$1.76 \$21.53 \$17.02 \$1.76 \$15.67 \$11.16 \$1.76 \$0.80 140.26 95.14 24.42 19.85 \$23.79 \$17.20 \$23.79 \$17.20 \$25.77 \$11.17 \$29.29	\$2.31 \$0.80 \$25.76 \$21.47 \$2.31 \$27.26 \$22.98 \$2.31 \$21.40 \$17.11 \$2.31 \$0.80 \$140.26 95.14 \$2.55 \$2.51 \$2.55 \$2.51 \$2.55 \$2.51 \$2.55 \$2.77,598 \$3.21,7 \$2.50 \$3.30 \$3.0	\$2.31 \$0.80 \$26.41 \$21.13 \$2.31 \$27.91 \$22.63 \$2.31 \$22.05 \$16.77 \$2.31 \$0.80 \$1.40 \$2.16 \$2.16 \$2.17,598 \$3.31 \$2.540 \$3.38 \$1.17
Demand Load Variance DSI - IPTAC (A) HLH LUH Demand DSI - IPTAC (B) HLH LLH Demand Stepped PF rates HLH LLH Demand Stepped PF rates HLH LLH Demand Price of Augmentation not Pre-Purchase Price of Augmentation not Pre-Purchase Rates with LB CRAC Applied Do NOT IN Slice Rate without LB CRAC 5 yr PF-02 and IP-02 HLH LUH Demand Load Variance DSI - IPTAC (A) HLH LUH Demand DSI - IPTAC (B) HLH Demand DSI - IPTAC (B) HLH Demand DSI - IPTAC (B)	HLH LLH ed - 0 Day Rule HLH LLH IPUT HERE - se RATE[S]	\$/kW-mo. \$/MWh \$/MWh \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh	\$1.76 \$0.80 \$20.03 \$15.52 \$1.76 \$21.53 \$17.02 \$1.76 \$15.67 \$11.16 \$1.76 \$0.80 \$0.80 \$140.26 95.14 \$2.077,598 \$2.077,598 \$2.257 \$11.17 \$29.29 \$2.269 \$2.57 \$21.53	\$2.31 \$0.80 \$25.76 \$21.47 \$2.31 \$27.26 \$22.98 \$2.31 \$21.40 \$17.11 \$2.31 \$0.80 \$140.26 95.14 \$35.55 28.51 \$2.97,598 \$32.17 \$25.90 \$33.38 \$1.17 \$37.67 \$31.39 \$33.38 \$27.26	\$2.31 \$0.80 \$26.41 \$21.13 \$2.31 \$27.91 \$22.63 \$2.31 \$22.05 \$16.77 \$2.31 \$0.80 \$0.51 \$0.80 \$2.516 \$2.077,598 \$33.12 \$25.40 \$33.38 \$1.17 \$36.80 \$33.38 \$1.17 \$36.90 \$33.38 \$34.92
Demand Load Variance DSI - IPTAC (A) HLH UPMAND BSI - IPTAC (B) HLH LLH Demand Stepped PF rates HLH LLH Demand Stepped PF rates HLH Demand Coad Variance Price of Augmentation not Pre-Purchase Price of Augmentation not Pre-Purchase Rates with LB CRAC Applied Do NOT IN Slice Rate without LB CRAC S yr PF-02 and IP-02 HLH LLH Demand Load Variance DSI - IPTAC (A) HLH LLH Demand DSI - IPTAC (B) HLH LLH LLH Demand DSI - IPTAC (B) HLH LLH LLH LLH LLH LLH LLH LLH LLH LL	HLH LLH ed - 0 Day Rule HLH LLH IPUT HERE - se RATE[S]	\$/kW-mo. \$/MWh \$/MWh \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/MWh \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/kW-m	\$1.76 \$0.80 \$20.03 \$15.52 \$1.76 \$21.53 \$17.02 \$1.76 \$15.67 \$11.16 \$1.76 \$0.80 \$1.40.26 95.14 \$24.42 \$19.85 \$23.79 \$17.20 \$22.57 \$11.17 \$29.29 \$2.69 \$2.69 \$2.153 \$17.02	\$2.31 \$0.80 \$25.76 \$21.47 \$2.31 \$27.26 \$22.98 \$2.31 \$21.40 \$17.11 \$2.31 \$0.80 \$140.26 95.14 \$35.55 28.51 \$2	\$2.31 \$0.80 \$26.41 \$21.13 \$2.31 \$27.91 \$22.63 \$2.31 \$22.05 \$16.77 \$2.31 \$0.80 \$140.26 95.14 \$25.16 \$2.077,598 \$3.31 \$2.077,598 \$3.31 \$2.31
Demand Load Variance DSI - IPTAC (A) HLH LUH Demand DSI - IPTAC (B) HLH LLH Demand Stepped PF rates HLH LUH Demand Stepped PF rates HLH LH Demand Stepped PF rates HLH LH Demand Load Variance Price of Augmentation not Pre-Purchase Rates with LB CRAC Applied Do NOT IN Slice Rate without LB CRAC 5 yr PF-02 and IP-02 HLH LLH Demand Load Variance DSI - IPTAC (A) HLH LLH Demand DSI - IPTAC (B) HLH LLH Demand SSI - IPTAC (B) HLH LLH Demand SSI - IPTAC (B) HLH LLH Demand	HLH LLH ed - 0 Day Rule HLH LLH IPUT HERE - se RATE[S]	\$/kW-mo. \$/MWh \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/M	\$1.76 \$0.80 \$20.03 \$15.52 \$1.76 \$21.53 \$17.02 \$1.70 \$15.67 \$11.16 \$1.76 \$0.80 \$1.40 26 95.14 24.42 19.85 arameters W \$2,077,598 \$23.79 \$17.20 \$2.57 \$1.17 \$22.29 \$2.26 \$2.153 \$17.02 \$17	\$2.31 \$0.80 \$25.76 \$21.47 \$2.31 \$27.26 \$22.98 \$2.31 \$21.40 \$17.11 \$2.31 \$0.80 \$95.14 \$1.40 \$2.55 \$2.51 \$2.55 \$2.51 \$2.55 \$2.51 \$2.55 \$2.51 \$2.55 \$2.51 \$2.55	\$2.31 \$0.80 \$26.41 \$21.13 \$2.31 \$27.91 \$22.63 \$2.31 \$22.05 \$16.77 \$2.31 \$0.80 \$5.14 30.08 \$2.16 \$2.17 \$3.31 \$2.2077,598 \$3.31 \$2.2077,598 \$3.31 \$2.2077,598 \$3.31 \$2.31 \$3.31 \$2.31 \$3.31 \$2.31 \$3.31 \$2.31 \$3.31
Demand Load Variance DSI - IPTAC (A) HLH UH Demand DSI - IPTAC (B) HLH LLH Demand Stepped PF rates HLH LLH Demand Coad Variance Price of Augmentation not Pre-Purchase Price of Augmentation not Pre-Purchase Stepped PF rates HLH LLH Demand Load Variance Price of Augmentation not Pre-Purchase Price of Augmentation not Pre-Purchase Stepped PF rates HLH LLH Demand DSI - IPTAC (A) HLH LLH Demand DSI - IPTAC (B) HLH LLH Demand DSI - IPTAC (B) HLH LLH Demand DSI - IPTAC (B) HLH LLH Demand	HLH LLH ed - 0 Day Rule HLH LLH IPUT HERE - se RATE[S]	\$/kW-mo. \$/MWh \$/MWh \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/MWh \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/kW-m	\$1.76 \$0.80 \$20.03 \$15.52 \$1.76 \$21.53 \$17.02 \$17.02 \$17.02 \$17.02 \$17.02 \$17.02 \$17.02 \$17.02 \$17.02 \$17.02 \$17.02 \$17.02 \$17.02 \$17.02 \$17.02 \$17.02 \$17.02 \$22.69 \$22.57 \$21.76 \$22.91	\$2.31 \$0.80 \$25.76 \$21.47 \$2.31 \$27.26 \$22.98 \$2.31 \$21.40 \$17.11 \$2.31 \$0.80 \$1.40 \$5.14 \$2.55 \$28.51 \$28.51 \$28.51 \$3.38 \$3.38 \$1.17 \$3.39 \$3.38 \$1.17 \$3.39 \$3.38 \$3.39 \$3.	\$2.31 \$0.80 \$26.41 \$21.13 \$2.31 \$27.91 \$22.63 \$2.31 \$22.05 \$16.77 \$2.31 \$0.80 \$140.26 95.14 \$25.16 \$2.077,598 \$3.31 \$2.077,598 \$3.31 \$2.31
Demand Load Variance DSI - IPTAC (A) HLH UPMAND BI - IPTAC (B) HLH LLH Demand Stepped PF rates HLH LUH Demand Stepped PF rates HLH Demand Stepped PF rates HLH Demand Load Variance Price of Augmentation not Pre-Purchase Rates with LB CRAC Applied Do NOT IN Slice Rate without LB CRAC S yr PF-02 and IP-02 HLH LLH Demand Load Variance DSI - IPTAC (A) HLH LLH Demand DSI - IPTAC (B) HLH LLH Demand SSI - IPTAC (B) HLH LLH Demand SSI - IPTAC (B) HLH LLH Demand SSI - IPTAC (B) HLH LLH Demand Stepped PF rates HLH LLH Demand Stepped PF rates HLH LLH Demand DEMAND STEPPED PF rates HLH LLH Demand DEMAND STEPPED PF rates HLH LLH Demand DEMAND DEMAND STEPPED PF rates HLH LLH Demand DEMA	HLH LLH ed - 0 Day Rule HLH LLH IPUT HERE - se RATE[S]	\$/kW-mo. \$/MWh \$/MWh \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo.	\$1.76 \$0.80 \$20.03 \$15.52 \$1.76 \$21.53 \$17.02 \$1.76 \$15.67 \$11.16 \$1.76 \$0.80 \$1.40.26 95.14 \$24.42 \$19.85 \$23.79 \$17.20 \$17.20 \$22.57 \$1.17 \$29.29 \$2.69 \$2.153 \$17.02 \$1.76 \$22.91 \$16.62 \$22.91 \$16.62 \$22.91 \$16.62 \$22.91 \$16.62 \$22.91 \$16.62 \$22.91 \$16.62 \$22.91 \$16.62 \$22.91 \$16.62 \$22.91 \$16.62 \$22.91 \$16.62 \$22.91 \$16.62 \$22.91 \$16.62 \$22.91	\$2.31 \$0.80 \$25.76 \$21.47 \$2.31 \$27.26 \$22.98 \$2.31 \$21.40 \$17.11 \$2.31 \$0.80 \$95.14 \$35.55 28.51 \$2.5	\$2.31 \$0.80 \$26.41 \$21.13 \$2.31 \$27.91 \$22.63 \$2.31 \$22.05 \$16.77 \$2.31 \$0.80 \$1.40 \$2.16 \$2.16 \$2.17 \$3.31 \$2.16 \$2.17 \$3.31 \$2.20 \$3.38 \$3.31 \$2.20 \$3.38 \$3.38 \$3.31 \$3.38 \$3.31
Demand Load Variance DSI - IPTAC (A) HLH ULH Demand Stepped PF rates HLH LLH Demand Stepped PF rates HLH LHH Demand Order of Augmentation not Pre-Purchase Price of Augmentation not Pre-Purchase Price of Augmentation not Pre-Purchase Rates with LB CRAC Applied Do NOT IN Slice Rate without LB CRAC 5 yr PF-02 and IP-02 HLH LLH Demand Load Variance DSI - IPTAC (A) HLH LLH Demand DSI - IPTAC (B) HLH LLH Demand Stepped PF rates HLH LLH Demand	HLH LLH ed - 0 Day Rule HLH LLH IPUT HERE - se RATE[S]	\$/kW-mo. \$/MWh \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/MWh \$/kW-mo.	\$1.76 \$0.80 \$20.03 \$15.52 \$1.76 \$21.53 \$17.02 \$17.02 \$17.6 \$15.67 \$11.16 \$1.76 \$0.80 \$140.26 95.14 \$2.077,598 \$2.077,598 \$2.57 \$11.17 \$29.29 \$2.59 \$2.57 \$1.17 \$22.59 \$2.57 \$1.17 \$22.59 \$2.57 \$17.02	\$2.31 \$0.80 \$25.76 \$21.47 \$2.31 \$27.26 \$22.98 \$2.98 \$2.91 \$21.40 \$17.11 \$2.31 \$0.80 \$0.51 \$40.26 \$95.14 \$35.55 \$28.51 \$26.77,598 \$32.17 \$25.90 \$33.38 \$1.17 \$37.39 \$33.38 \$27.26 \$22.98 \$22.98 \$33.38 \$33.38 \$33.39	\$2.31 \$0.80 \$26.41 \$21.13 \$2.31 \$27.91 \$22.63 \$2.31 \$22.05 \$16.77 \$2.31 \$0.80 \$0.51 \$0.80 \$2.516 \$2.16 \$2.077,598 \$33.12 \$25.40 \$33.38 \$1.17 \$36.80 \$3.38 \$1.17 \$36.80 \$33
Demand Load Variance DSI - IPTAC (A) HLH UPMAND BI - IPTAC (B) HLH LLH Demand Stepped PF rates HLH LUH Demand Stepped PF rates HLH Demand Stepped PF rates HLH Demand Load Variance Price of Augmentation not Pre-Purchase Rates with LB CRAC Applied Do NOT IN Slice Rate without LB CRAC S yr PF-02 and IP-02 HLH LLH Demand Load Variance DSI - IPTAC (A) HLH LLH Demand DSI - IPTAC (B) HLH LLH Demand SSI - IPTAC (B) HLH LLH Demand SSI - IPTAC (B) HLH LLH Demand SSI - IPTAC (B) HLH LLH Demand Stepped PF rates HLH LLH Demand Stepped PF rates HLH LLH Demand DEMAND STEPPED PF rates HLH LLH Demand DEMAND STEPPED PF rates HLH LLH Demand DEMAND DEMAND STEPPED PF rates HLH LLH Demand DEMA	HLH ed - 0 Day Rule HLH LLH LLH LLH RATE[S] RATE[NS]	S/kW-mo. S/MWh S/MWh S/kW-mo. S/MWh S/MWh S/kW-mo.	\$1.76 \$0.80 \$20.03 \$15.52 \$1.76 \$21.53 \$17.02 \$1.76 \$15.67 \$11.16 \$1.76 \$0.80 \$140.26 95.14 \$24.42 \$19.85 \$23.79 \$17.20 \$2.57 \$1.17 \$29.29 \$2.69 \$2.57 \$1.76 \$22.91 \$1.62 \$1.76 \$22.91 \$1.63 \$1.76 \$22.91 \$1.63 \$1.76 \$22.91 \$1.63 \$1.76 \$22.91 \$1.63 \$1.76 \$22.91 \$1.63 \$1.76 \$22.91 \$1.63 \$1.76 \$22.91 \$1.63 \$1.76 \$1.	\$2.31 \$0.80 \$25.76 \$21.47 \$2.31 \$27.26 \$22.98 \$2.31 \$21.40 \$17.11 \$2.31 \$0.80 \$17.11 \$2.31 \$0.80 \$1.40 \$2.55 \$2.51 \$2.55 \$2.51 \$28.51 \$28.51 \$3.30 \$3.30 \$3.30 \$3.30 \$3.30 \$3.30 \$3.31 \$27.26 \$2.98 \$3.31 \$3.30 \$3.00 \$3	\$2.31 \$0.80 \$26.41 \$21.13 \$2.31 \$27.91 \$2.263 \$2.31 \$2.205 \$16.77 \$2.31 \$0.80 \$2.16 \$2.16 \$2.16 \$2.16 \$2.16 \$2.16 \$2.16 \$2.16 \$3.31 \$2.20 \$3.38 \$3.17 \$3.38 \$3.49 \$2.516 \$3.38 \$3.49 \$2.516 \$3.38 \$3.49 \$2.516 \$3.38 \$3.49 \$2.516 \$3.38 \$3.49 \$2.516 \$3.38 \$
Demand Load Variance DSI - IPTAC (A) HLH UH Demand DSI - IPTAC (B) HLH LLH Demand Stepped PF rates HLH LLH Demand Stepped PF rates HLH Demand Stepped PF rates HLH Demand Stepped PF rates HLH Demand Load Variance Price of Augmentation not Pre-Purchase Rates with LB CRAC Applied Do NOT IN Slice Rate without LB CRAC 5 yr PF-02 and IP-02 HLH LLH Demand Load Variance DSI - IPTAC (A) HLH LLH Demand DSI - IPTAC (B) HLH LLH Demand SSI - IPTAC (B) HLH LLH Demand DSI - IPTAC (B) HLH LLH Demand DSI - IPTAC (B) HLH LLH Demand Demand Demand Demand Demand Demand Demand Load Variance	HLH sd - 1 Day Rule HLH LLH SPUT HERE - se RATE[S] RATE[NS]	\$/kW-mo. \$/MWh \$/MWh \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/MWh \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo. \$/kW-mo.	\$1.76 \$0.80 \$20.03 \$15.52 \$1.76 \$21.53 \$17.02 \$1.76 \$15.67 \$11.16 \$1.76 \$0.80 \$1.40.26 95.14 \$24.42 \$19.85 \$23.79 \$17.20 \$17.20 \$22.57 \$1.17 \$29.29 \$2.69 \$2.153 \$17.02 \$1.76 \$22.91 \$16.62 \$22.91 \$16.62 \$22.91 \$16.62 \$22.91 \$16.62 \$22.91 \$16.62 \$22.91 \$16.62 \$22.91 \$16.62 \$22.91 \$16.62 \$22.91 \$16.62 \$22.91 \$16.62 \$22.91 \$16.62 \$22.91 \$16.62 \$22.91	\$2.31 \$0.80 \$25.76 \$21.47 \$2.31 \$27.26 \$22.98 \$2.31 \$21.40 \$17.11 \$2.31 \$0.80 \$95.14 \$35.55 28.51 \$2.5	\$2.31 \$0.80 \$26.41 \$21.13 \$2.31 \$27.91 \$22.63 \$2.31 \$22.05 \$16.77 \$2.31 \$0.80 \$1.40 \$2.16 \$2.16 \$2.17 \$3.31 \$2.16 \$2.17 \$3.31 \$2.20 \$3.38 \$3.31 \$2.20 \$3.38 \$3.38 \$3.31 \$3.38 \$3.31
Demand Load Variance DSI - IPTAC (A) HLH ULH Demand DSI - IPTAC (B) HLH LLH Demand Stepped PF rates HLH LUH Demand Stepped PF rates HLH Sorial Price of Augmentation not Pre-Purchase Price of Augmentation not Pre-Purchase Rates with LB CRAC Applied Do NOT IN Slice Rate without LB CRAC 5 yr PF-02 and IP-02 HLH LLH Demand Load Variance DSI - IPTAC (A) HLH LLH Demand DSI - IPTAC (B) HLH LLH Demand Stepped PF rates HLH LLH Demand Stepped PF rates HLH LLH Demand Price of Augmentation not Pre-Purchase	HLH ed - 0 Day Rule HLH LLH LLH PUT HERE - se RATE[S] RATE[NS] ed - 0 Day Rule HLH LLH	S/kW-mo. S/MWh S/MWh S/kW-mo. S/MWh S/kW-mo. S/MWh S/kW-mo. S/MWh S/kW-mo. S/MWh S/MWh S/MWh S/MWh S/MWh S/kW-mo. S/kW-mo.	\$1.76 \$0.80 \$20.03 \$15.52 \$1.76 \$21.53 \$17.02 \$1.76 \$15.67 \$11.16 \$1.76 \$95.14 \$24.42 \$19.85 \$23.79 \$17.20 \$2.57 \$11.17 \$22.29 \$2.57 \$11.70 \$25.77 \$11.70 \$25.77 \$11.70 \$25.77 \$11.70 \$25.77 \$11.70 \$25.77 \$11.70 \$25.77 \$11.70 \$25.77 \$11.70 \$25.77 \$25.77 \$11.70 \$25.77 \$2	\$2.31 \$0.80 \$25.76 \$21.47 \$2.31 \$27.26 \$22.98 \$2.31 \$21.40 \$17.11 \$2.31 \$0.80 \$1.41 \$2.31 \$0.80 \$1.41 \$2.31 \$0.80 \$1.41 \$2.31 \$0.80 \$1.41 \$2.31 \$1.40 \$1.41 \$1.40 \$1.41 \$1.40 \$1.41 \$1.40 \$1.41 \$1.40 \$1.41 \$1.40 \$1.41 \$1.40 \$1.41 \$1.40 \$1.41	\$2.31 \$0.80 \$26.41 \$21.13 \$2.31 \$27.91 \$22.63 \$2.31 \$22.05 \$16.77 \$2.31 \$0.80 \$140.26 95.14 30.08 \$25.16 \$33.12 \$25.40 \$33.38 \$1.17 \$36.80 \$33.38 \$1.17 \$34.92 \$26.17 \$31.75 \$32.91 \$33.92 \$34.92 \$34.92 \$34.
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Demand Load Variance DSI - IPTAC (A) HLH ULH Demand Stepped PF rates HLH LLH Demand Stepped PF rates HLH LHH Demand Price of Augmentation not Pre-Purchase Rates with LB CRAC Applied Do NOT IN Slice Rate without LB CRAC 5 yr PF-02 and IP-02 HLH LLH Demand Load Variance DSI - IPTAC (A) HLH LLH Demand DSI - IPTAC (B) HLH LLH Demand Stepped PF rates HLH LLH Demand Price of Augmentation not Pre-Purchase Transmission Loss Adjustment Diurnal Hours	HLH ed - 0 Day Rule HLH LLH LLH PUT HERE - se RATE[S] RATE[NS] ed - 0 Day Rule HLH LLH	S/kW-mo. S/MWh S/MWh S/kW-mo. S/MWh S/kW-mo. S/MWh S/kW-mo. S/MWh S/kW-mo. S/MWh S/MWh S/MWh S/MWh S/MWh S/kW-mo. S/kW-mo.	\$1.76 \$0.80 \$20.03 \$15.52 \$1.76 \$21.53 \$17.02 \$17.02 \$11.16 \$1.76 \$0.80 \$0.80 \$140.26 95.14 \$2.077,598 \$2.077,598 \$2.57 \$11.17 \$29.29 \$2.59 \$2.57 \$11.17 \$29.29 \$2.57 \$11.17 \$20.29 \$2.57 \$11.17 \$20.29 \$2.57 \$11.17 \$20.29 \$2.57 \$11.17 \$20.29 \$2.57 \$11.17 \$20.29 \$2.57 \$11.17 \$20.29 \$2.57 \$11.17 \$20.29 \$2.57 \$11.17 \$20.29 \$2.57 \$11.17 \$20.29 \$2.57 \$11.17 \$20.29 \$2.57 \$11.17 \$20.29 \$2.57 \$11.17 \$20.29 \$2.57 \$11.17 \$20.29 \$2.57 \$11.17 \$20.29 \$2.57 \$11.17 \$20.29 \$2.57 \$11.17 \$20.29 \$2.57 \$11.17 \$20.29 \$2.57 \$11.17 \$20.29 \$2.57 \$11.17 \$20.29 \$20.57 \$11.17 \$20.29 \$20.57 \$11.17 \$20.29 \$20.57 \$11.17 \$20.29 \$20.57 \$11.17 \$20.29 \$20.57 \$11.17 \$20.29 \$20.57 \$11.17 \$20.29 \$20.57 \$11.17 \$20.29 \$20.57 \$11.17 \$20.29 \$20.57 \$11.17 \$20.29 \$20.57 \$11.17 \$20.29 \$20.57 \$20.	\$2.31 \$0.80 \$25.76 \$21.47 \$2.31 \$27.26 \$22.98 \$17.11 \$2.31 \$0.80 \$140.26 95.14 \$35.55 28.51 \$25.50 \$33.38 \$1.17 \$37.67 \$31.39 \$33.38 \$27.26 \$22.98 \$2.31 \$31.29 \$25.02 \$33.38 \$1.17	\$2.31 \$0.80 \$26.41 \$21.13 \$2.31 \$27.91 \$22.63 \$2.31 \$22.05 \$16.77 \$2.31 \$0.80 \$140.26 95.14 30.08 \$25.16 \$33.12 \$25.40 \$33.38 \$1.17 \$36.80 \$3.38 \$1.17 \$36.80 \$2.97 \$3.38 \$1.17 \$36.80 \$3.38 \$3.12 \$3.39 \$3.
Demand Load Variance DSI - IPTAC (A) HLH UPBERMAND DSI - IPTAC (B) HLH LLH Demand Stepped PF rates HLH LLH Demand Stepped PF rates HLH Demand Coad Variance Price of Augmentation not Pre-Purchase Rates with LB CRAC Applied Do NOT IN Slice Rate without LB CRAC 5 yr PF-02 and IP-02 HLH LLH Demand Load Variance DSI - IPTAC (A) HLH LLH Demand DSI - IPTAC (B) HLH LLH Demand DSI - IPTAC (B) HLH LLH Demand Stepped PF rates HLH LLH Demand DSI - IPTAC (B) HLH LLH Demand DSI - IPTAC (B) HLH LLH Demand Demand Demand Load Variance Price of Augmentation not Pre-Purchase HLH LLH Demand Deman	HLH ed - 0 Day Rule HLH LLH LLH PUT HERE - se RATE[S] RATE[NS] ed - 0 Day Rule HLH LLH	S/kW-mo. S/MWh S/MWh S/kW-mo. S/MWh S/kW-mo. S/MWh S/kW-mo. S/MWh S/kW-mo. S/MWh S/MWh S/MWh S/MWh S/MWh S/kW-mo. S/kW-mo.	\$1.76 \$0.80 \$20.03 \$15.52 \$1.76 \$21.53 \$17.02 \$1.76 \$15.67 \$11.16 \$1.76 \$95.14 \$24.42 \$19.85 \$23.79 \$17.20 \$2.57 \$11.17 \$22.29 \$2.57 \$11.70 \$25.77 \$11.70 \$25.77 \$11.70 \$25.77 \$11.70 \$25.77 \$11.70 \$25.77 \$11.70 \$25.77 \$11.70 \$25.77 \$11.70 \$25.77 \$25.77 \$11.70 \$25.77 \$2	\$2.31 \$0.80 \$25.76 \$21.47 \$2.31 \$27.26 \$22.98 \$2.31 \$21.40 \$17.11 \$2.31 \$0.80 \$1.41 \$2.31 \$0.80 \$1.41 \$2.31 \$0.80 \$1.41 \$2.31 \$0.80 \$1.41 \$2.31 \$1.40 \$1.41 \$1.40 \$1.41 \$1.40 \$1.41 \$1.40 \$1.41 \$1.40 \$1.41 \$1.40 \$1.41 \$1.40 \$1.41 \$1.40 \$1.41	\$2.31 \$0.80 \$26.41 \$21.13 \$2.31 \$27.91 \$22.63 \$2.31 \$22.05 \$16.77 \$2.31 \$0.80 \$140.26 95.14 30.08 \$25.16 \$33.12 \$25.40 \$33.38 \$1.17 \$36.80 \$33.38 \$1.17 \$34.92 \$26.17 \$31.75 \$32.91 \$33.92 \$34.92 \$34.92 \$34.

Values Calculated within the Model

NOTE: All the values in this table are calculated internally

DO NOT INPUT VALUES IN THIS WORKSHEET

A. Loads (Calculated from Load Inputs worksheet)		Oct	Nov	Dec
Slice Load LOAD(S)	aMW	1,600	1,600	1,600
5 yr PF-02 Load				
HLH	MWh	1,150,526	1,237,895	1,230,112
LLH	MWh	732,957	820,605	858,444
Demand	MW-mo.	4,413	4,860	4,946
Load Variance	mWh	1,722,676	1,688,983	1,929,843
DSI Load				
HLH	MWh	28,266	26,624	26,624
LLH	MWh	20,167	19,152	20,664
Demand	MW-mo.	68	64	64
IOU load				
HLH	MWh	151,200	145,600	145,600
LLH	MWh	109,550	106,400	114,800
Demand	MW-mo.	350	350	350
Stepped PF-02 (note: demand & load variance numbers included)	•			
HLH	MWh	459,563	504,712	577,427
LLH	MWh	298,007	330,498	389,158
Demand	MW-mo.	0	0	0
Load Variance	mWh	0	0	0

B. Summary Table of Pre-Purchase Quantities and Costs - 120 Day Rule (from 120-Day Rule Pre-Purchases Worksheet)

		ΰυι	INUV	רפר ,
Quantity Augmentation Pre-Purchased at Fixed Prices (mkt. purcha	ises + buybacks f	rom publics not	tied to LB CRA	C)
HLH	aMW	1,293	1,245	1,247
LLH	aMW	1,272	1,343	1,341
Quantity Augmentation Pre-Purchased Tied to LB CRAC				
HLH	aMW	159	163	150
LLH	aMW	237	260	245
Quantity Augmentation Pre-Purchased Total				
HLH	aMW	1,452	1,408	1,397
LLH	aMW	1,509	1,603	1,586
Fixed Cost of Augment pre-purchases not tied to LB CRAC				
HLH	\$	26,858,904	23,222,187	24,950,331
LLH	\$	18,303,705	17,407,347	20,189,918
Premium Component of Pre-Purchases tied to LB CRAC				
HLH	\$	1,507,360	1,475,704	1,371,704
LLH	\$	1,385,106	1,480,083	1,501,649
Total Fixed Cost of Augment Pre-Purchases				
HLH	\$	28,366,264	24,697,891	26,322,035
LLH	\$	19,688,811	18,887,431	21,691,567
Variable Component of Pre-Purchase Cost for deals tied to LB CRA	√C			
HLH	\$	1,954,794	2,300,355	2,175,531
LLH	\$	1,606,383	2,240,084	2,262,711
Total Cost of Augmentation Pre-Purchases				
HLH	\$	30,321,058	26,998,247	28,497,566
LLH	\$	21,295,194	21,127,515	23,954,278

C. Summary Table of Pre-Purchase Quantities and Costs - 0 Day Rule (from 0-Day Rule Pre-Purchases Worksheet)

·			
			1,365
aMW	1,327	1,465	1,453
aMW	159	163	150
aMW	237	260	245
aMW	1,505	1,526	1,515
aMW	1,564	1,725	1,698
\$	27,731,131	25,093,510	26,821,654
\$	18,957,178	18,809,344	21,591,915
\$	1,507,360	1,475,704	1,371,704
\$	1,385,106	1,480,083	1,501,649
\$	29,238,491	26,569,214	28,193,358
\$	20,342,284	20,289,428	23,093,564
AC			
\$	1,954,794	2,300,355	2,175,531
\$	1,606,383	2,240,084	2,262,711
\$	31,193,285	28,869,570	30,368,889
\$	21,948,667	22,529,512	25,356,275
	aMW aMW aMW aMW show show show show show show show show	aMW 1,346 aMW 1,327 aMW 159 aMW 237 aMW 1,505 aMW 1,564 \$ 27,731,131 \$ 18,957,178 \$ 1,507,360 \$ 1,385,106 \$ 29,238,491 \$ 20,342,284 AC \$ 1,954,794 \$ 1,606,383 \$ 31,193,285	aMW 1,327 1,465 aMW 159 163 aMW 237 260 aMW 1,505 1,526 aMW 1,564 1,725 \$ 27,731,131 25,093,510 \$ 18,957,178 18,809,344 \$ 1,507,360 1,475,704 \$ 1,385,106 1,480,083 \$ 29,238,491 26,569,214 \$ 20,342,284 20,289,428 AC \$ 1,954,794 2,300,355 \$ 1,606,383 2,240,084 \$ 31,193,285 28,869,570

D. Chase Product

Payments to BPA	\$ \$6,324	\$6,256	\$6,460
Credit in LB CRAC	\$ \$3,705	\$6,256	\$6,460

E. Summary Table of Load Reduction Costs (from Fixed Cost & Rates worksheet)

Total Cost of Load Reduction for deals not tied to LB CRAC			
(all PF, RL, a HLH	\$ 19,079,697	18,915,640	18,571,916
LLH	\$ 13,832,831	13,845,208	14,641,891

120-Day Rule Calculations

<u>Section</u> F(1)(d)(1) F(1)(d)(2)	Steps Step 2 If APP is greater than AAMTA If APP is equal to AAMTA If APP is less than AAMTA	Variable Name AAMTA DIURNALACA DIURNALACA DIURNALACA	Equation =(NSL(A)-MSC)*(1+TLA) =(AAMTA/APP)*(TCAPPA) =TCAPPA =(TCAPPA)+((AAMTA-APP)*PRICE*Diurnal Hours)
F(1)(d)(3)		TAUGCA SALESMAYAUGA	=Sum of the six monthly(DIURNALACA+BUYDOWN+OC) =1745 - ((Amount of DSI load reduction/1486)*450)
		SALESNEWAUGA	=AAMTA - SALESMAYAUG
F(1)(d)(4)	Step 1	MARRA	=((SALESMAYAUGA*\$28.10)+(SALESNEWAUGA*\$19.26))*Hours in the Month
F(1)(d)(5) F(1)(d)(7)	Month of Slice Revenue Month of non-Slice Revenue Slice Revenue Non-Slice Revenue	REVw/LBC(S) REVw/LBC(NS) TREVw/LBC(S) TREVw/LBC(NS)	=Sum of MARRA for each month in a six month period =TAUGCA-TARRA vailable to pay augmentation costs using the rates with LB CRAC and actual loads =Slice load in month X * Revised Slice rate in month X/7070*100-LDD in month X - C&R in month \(\) =DAC in month X - C&R in
	total CRAc'able Revenue	TTREVw/LBC	=TREVw/LBC(S)+TREVw/LBC(NS)

Results	Oct	Nov	Dec
AAMTA	654	802	605
HLH			
Diurnal Hours	432	416	416
DIURNALACA	13,647,734	15,385,153	12,334,164
net short cost	0	0	0
net short+pre purchase costs	30,321,058	26,998,247	28,497,566
LLH			
Diurnal Hours	313	304	328
DIURNALACA	9,221,841	10,570,343	9,133,211
net short cost	0	0	0
net short+pre purchase costs	21,295,194	21,127,515	23,954,278
TAUGCA	169,163,207		
SALESMAYAUGA (HLH)	654	802	605
SALESMAYAUGA (LLH)	654	802	605
SALESNEWAUGA (HLH)	0	0	0
SALESNEWAUGA (LLH)	0	0	0
MARRA (HLH)	7,933,647	9,377,210	7,068,608
MARRA(LLH)	5,748,221	6,852,577	5,573,325
TARRA	42,553,588		
NACA	126,609,620		
REVw/LBC(S)	45,997,108	45,997,108	45,997,108
REVw/LBC(NS)	73,420,815	110,449,758	116,748,888
TREVw/LBC(S)	137,991,323		
TREVw/LBC(NS)	300,619,461		
TTREVw/LBC	438,610,784		

0-Day Rule Calculations

Results	Oct	Nov	Dec
AAMTA	654	802	605
HLH			
Diurnal Hours	432	416	416
DIURNALACA	13,544,699	15,175,393	12,117,395
net short costs	0	0	0
net short+pre purchase costs	31,193,285	28,869,570	30,368,889
LLH			
Diurnal Hours	313	304	328
DIURNALACA	9,170,957	10,478,612	9,027,485
net short costs	0	0	0
net short+pre purchase costs	21,948,667	22,529,512	25,356,275
TAUGCA	168,385,301		
SALESMAYAUGA (HLH)	654	802	605
SALESMAYAUGA (LLH)	654	802	605
SALESNEWAUGA (HLH)	0	0	0
SALESNEWAUGA (LLH)	0	0	0
MARRA (HLH)	7,933,647	9,377,210	7,068,608
MARRA (LLH)	5,748,221	6,852,577	5,573,325
TARRA	42,553,588		
NACA	125,831,714		

Lookback Calculations

F(1)(d)(6)	These equations calculate revo	enue BPA would have received REVw/oLBC(S)	l using actual loads at the May 2000 rates - LDD - C&R =(May 2000 RATE(S)*LOAD(S))-LDD(S)-C&R(S)
	Non-Slice Monthly Revenue	REVw/oLBC(NS)	=(May 2000 RATE(NS)*LOAD(NS))-LDD(NS)-C&R(NS)
F(1)(d)(7)	Slice Total revenue	TREVw/oLBC(S)	=ΣREVw/oLBC(S) for each month in a six-month period
' (' /(α /(' /	Non-Slice Total Revenue	TREVw/oLBC(NS)	= $\Sigma REVW/oLBC(NS)$ for each month in a six-month period
	Grand Total Revenue	TTREVw/oLBC	=TREVw/oLBC(S)+TREVw/oLBC(NS)
Step One - C	Calculate the Revenue Collected f	orm the LB CRAC	
•		LBCREV(S)	=TREVw/LBC(S)-TREVw/oLBC(S)
		LBCREV(NS)	=TREVw/LBC(NS)-TREVw/oLBC(NS)
Step Two - C	Calculating the Actual LB CRAC R	evenue Requirement under the	e 120-Day Rule
		ACTUALLBCREVREQ(S)	=[NACA*(TREVw/LBC(S)/TTREVw/LBC)]
		ACTUALLBCREVREQ(NS)	
Step Three -	Calculation of LB CRAC Revenu	e Over or Under Collection und	ler the 120-Day Rule
		REVDIFF(S)	LBCREV(S)-ACTUALLBCREVREQ(S)
		REVDIFF(NS)	LBCREV(NS)-ACTUALLBCREVREQ(NS)
Step Four - C	Calculating the Incremental Cost f	or the 0-Day Rule	
		NACDIFF	= NACA(0) - NACA(120)
Step Five - D	etermining Customer Bill Adjustn	nents	
		ADJUST(S)	=REVDIFF(S)/(TREVw/LBC(S)*Months in Analysis)
		ADJUST(NS)	=REVDIFF(NS)/(TREVw/LBC(NS)*Months in Analysis)
Note: The St	ep Five equations calculate a rev	ised form of the equations in th	e GRSPs that are then separately applied to Custrev.

	Oct	Nov	Dec
REVw/oLBC(S)	31,304,764	31,304,764	31,304,764
REVw/oLBC(NS)	49,607,116	74,976,859	79,313,173
TREVw/oLBC(S)	93,914,292		
TREVw/oLBC(NS)	203,897,148		
TTREVw/oLBC	297,811,439		

Step One				
LBCREV(S)	44,077,031			
LBCREV(NS)	96,722,314			
Step Two				
ACTUALLBCREVREQ(S)	39,832,648			
ACTUALLBCREVREQ(NS)	86,776,972			
Step Three				
REVDIFF(S)	-4,244,383			
REVDIFF(NS)	-9,945,342			
Step Four				
NACDIFF	-777,906			
Step Five				
Adjustment Factor(S)	-0.010252778			
Adjustment Factor (NS)	-0.011890168			