

Development of Estimated IP Firm Energy Prices and Spot Firm Market Prices												
Monthly Diurnal Marginal Costs (Table 12 1995 MCA)												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
HLH	18.75	18.82	19.98	19.96	19.82	19.14	16.87	9.17	10.38	12.96	19.07	20.10
LLH	17.64	17.85	17.75	17.42	17.91	18.02	16.08	7.61	8.35	9.82	13.95	16.61
	18.27	18.40	19.02	18.87	19.00	18.66	16.53	8.50	9.51	11.61	16.87	18.60
IP Rates												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
HLH	26.29	26.39	28.02	27.98	27.78	26.83	23.65	12.85	14.55	18.17	26.75	28.19
LLH	24.74	25.03	24.89	24.43	25.11	25.26	22.55	10.67	11.71	13.77	19.56	23.28
melded	25.62	25.806	26.67	26.455	26.64	26.16	23.17	11.9	13.3	16.3	23.65	26.1
IP rate	22.6											
MCA rate	16.12											
Firm Spot												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
1997	21.36	22.08	22.93	22.54	20.11	19.36	20.84	21.30	21.33	20.54	22.04	21.14
1998	22.23	23.77	23.93	23.48	22.22	21.51	20.44	24.59	24.41	25.23	25.66	22.53
1999	24.06	25.49	25.20	24.81	22.29	21.98	20.98	24.59	24.81	24.81	25.46	23.53
2000	25.40	27.15	26.96	26.81	24.21	23.26	22.78	34.74	34.59	26.98	25.21	25.12
2001	27.37	29.26	26.85	26.50	23.98	22.88	22.96	25.74	25.60	27.14	28.69	25.90
Nonfirm												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
1997	12.95	12.99	14.06	10.37	7.26	6.75	5.30	7.70	7.30	11.66	14.59	16.19
1998	16.10	16.36	15.08	11.27	8.78	8.70	5.00	6.79	6.99	11.10	13.61	15.89
1999	15.96	15.71	15.01	11.94	8.78	8.90	5.00	6.92	7.78	12.61	14.84	16.47
2000	16.88	16.98	16.25	14.03	11.37	8.61	5.99	7.84	8.02	13.12	14.92	17.28
2001	17.32	17.66	16.17	12.75	10.20	8.31	5.10	6.99	9.65	13.36	15.21	17.27
1/ Marginal Costs from the MCA												
2/ IP rates determined by applying the MCA marginal costs to shape the average IP rate of 22.57 mills/kWh												
3/ These monthly prices are derived from the incremental power purchases made for Full Load Shaping (energy plus capacity).												
4/ These monthly prices are derived from the nonfirm sales prices used in Full Load Shaping												

dsi capacity

	Calculated			
	Energy			
	Capacity 1/			
	221			
1/ Estimated amount of Energy Capacity associated with expected sales of the DSI Load Shaping product				

5-Yr DSI LOAD SHAPING															
										Yr 1					
										SP	NF	IP	Month		
										Price	Price	Price	Cost		
FY97	025	m 1/	.25	-15%	Hours	\$/MWh	\$/MWh	\$/MWh	(\$/Mnth/CEC)						
Oct-96	161	140	119	744	21.4	13.0	25.62	\$149							
Nov-96	161	140	119	720	22.1	13.0	25.81	\$156							
Dec-96	161	140	119	744	22.9	14.1	26.67	\$157							
Jan-97	161	140	119	744	22.5	10.4	26.45	\$215							
Feb-97	161	140	119	672	20.1	7.3	26.64	\$205							
Mar-97	161	140	119	744	19.4	6.7	26.16	\$223							
Apr-97	161	140	119	720	20.8	5.3	23.17	\$266							
May-97	161	140	119	744	21.3	7.7	11.91	\$240							
Jun-97	161	140	119	720	21.3	7.3	13.33	\$240							
Jul-97	161	140	119	744	20.5	11.7	16.28	\$157							
Aug-97	161	140	119	744	22.0	14.6	23.65	\$132							
Sep-97	161	140	119	720	21.1	16.2	26.08	\$85							
										Yr 2					
Oct-97	161	140	119	744	22.2	16.1	25.62	\$108							
Nov-97	161	140	119	720	23.8	16.4	25.81	\$127							
Dec-97	161	140	119	744	23.9	15.1	26.67	\$156							
Jan-98	161	140	119	744	23.5	11.3	26.45	\$216							
Feb-98	161	140	119	672	22.2	8.8	26.64	\$215							
Mar-98	161	140	119	744	21.5	8.7	26.16	\$226							
Apr-98	161	140	119	720	20.4	5.0	23.17	\$264							
May-98	161	140	119	744	24.6	6.8	11.91	\$315							
Jun-98	161	140	119	720	24.4	7.0	13.33	\$298							
Jul-98	161	140	119	744	25.2	11.1	16.28	\$250							
Aug-98	161	140	119	744	25.7	13.6	23.65	\$213							
Sep-98	161	140	119	720	22.5	15.9	26.08	\$114							
										Yr 3					
Oct-98	161	140	119	744	24.1	16.0	25.62	\$143							
Nov-98	161	140	119	720	25.5	15.7	25.81	\$167							
Dec-98	161	140	119	744	25.2	15.0	26.67	\$180							
Jan-99	161	140	119	744	24.8	11.9	26.45	\$227							
Feb-99	161	140	119	672	22.3	8.8	26.64	\$216							
Mar-99	161	140	119	744	22.0	8.9	26.16	\$231							
Apr-99	161	140	119	720	21.0	5.0	23.17	\$273							
May-99	161	140	119	744	24.6	6.9	11.91	\$312							
Jun-99	161	140	119	720	24.8	7.8	13.33	\$291							
Jul-99	161	140	119	744	24.8	12.6	16.28	\$216							
Aug-99	161	140	119	744	25.5	14.8	23.65	\$188							
Sep-99	161	140	119	720	23.5	16.5	26.08	\$121							
										Yr 4					
Oct-99	161	140	119	744	25.4	16.9	25.62	\$151							
Nov-99	161	140	119	720	27.2	17.0	25.81	\$174							
Dec-99	161	140	119	744	27.0	16.2	26.67	\$189							
Jan-00	161	140	119	744	26.8	14.0	26.45	\$226							
Feb-00	161	140	119	672	24.2	11.4	26.64	\$205							
Mar-00	161	140	119	744	23.3	8.6	26.16	\$259							
Apr-00	161	140	119	720	22.8	6.0	23.17	\$287							
May-00	161	140	119	744	34.7	7.8	11.91	\$475							
Jun-00	161	140	119	720	34.6	8.0	13.33	\$455							
Jul-00	161	140	119	744	27.0	13.1	16.28	\$245							
Aug-00	161	140	119	744	25.2	14.9	23.65	\$182							
Sep-00	161	140	119	720	25.1	17.3	26.08	\$134			3/	4/			
										5-Yr		5-yr			
										PV		Level			
										Yr 5		(\$/Mnth) (\$/Mnth)			
Oct-00	161	140	119	744	27.4	17.3	25.62	\$178	\$579	\$134					
Nov-00	161	140	119	720	29.3	17.7	25.81	\$198	\$652	\$151					
Dec-00	161	140	119	744	26.9	16.2	26.67	\$189	\$694	\$160					
Jan-01	161	140	119	744	26.5	12.7	26.45	\$243	\$901	\$208					
Feb-01	161	140	119	672	24.0	10.2	26.64	\$220	\$850	\$196					
Mar-01	161	140	119	744	22.9	8.3	26.16	\$257	\$955	\$221					
Apr-01	161	140	119	720	23.0	5.1	23.17	\$305	\$1,114	\$258					
May-01	161	140	119	744	25.7	7.0	11.91	\$331	\$1,323	\$306					
Jun-01	161	140	119	720	25.6	9.7	13.33	\$273	\$1,235	\$286					
Jul-01	161	140	119	744	27.1	13.4	16.28	\$244	\$881	\$204					
Aug-01	161	140	119	744	28.7	15.2	23.65	\$238	\$754	\$174					
Sep-01	161	140	119	720	25.9	17.3	26.08	\$148	\$473	\$109					
										Monthly Price per CEC 5/		\$201			
Notes:															
1/ These expected sales represent the DSI loads which the segment believes will also be covered by load shaping															
2/ Capacity cost is based on a flat overrun with a prob. of .25 priced @ \$.056/kW-mo.															
3/ The PV of the monthly costs is determined assuming a discount rate of 7.8%															
4/ The Levelized monthly costs are determined assuming a discount rate of 7.8% nominal															
5/ The monthly price is the simple average of the monthly levelized costs.															