

TABLES FOR DSI CURTAILMENT AND TAKE OR PAY RELIEF

Table F

SALE PRICES												
	Oct-96	Nov-96	Dec-96	Jan-97	Feb-97	Mar-97	Apr-97	May-97	Jun-97	Jul-97	Aug-97	Sep-97
SALE equations /1												
for all months except May the equation is												
$p(q) = a + b*(q) + c*(q^(1/3))$												
For May p equation is												
$p(q) = a/q$												
a=	16.86506615	17.32259979	18.19187875	17.19834985	15.5184148	15.31136418	16.13306172	74.46712954	17.19882961	17.20486707	17.99882247	17.8490991
b=	-0.001629451	-0.001683891	-0.001592985	-0.002026903	-0.001764234	-0.002494753	-0.001866912	-7.946460882	-0.002130527	-0.00227734	-0.001834936	-0.00242631
c=	-0.139776341	-0.139202953	-0.109249007	-0.126131415	-0.16	-0.05	-0.14	0.00	-0.04	0.10	-0.03	0.07
fiscal year price change in % from 1995 \$'s /2	1.053496	1.053496	1.053496	1.053496	1.053496	1.053496	1.053496	1.053496	1.053496	1.053496	1.053496	1.053496
transmission costs for ISB /3	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438
	11.41	11.50	12.73	8.96	5.80	4.85	5.00	6.04	5.36	9.78	12.95	14.42
	Oct-97	Nov-97	Dec-97	Jan-98	Feb-98	Mar-98	Apr-98	May-98	Jun-98	Jul-98	Aug-98	Sep-98
a=	17.80157593	17.95528664	18.31615032	17.09090626	16.36542668	16.03895277	15.7099167	74.34368127	18.80800877	19.5018945	19.18804218	18.05635734
b=	-0.002151719	-0.001979021	-0.001476788	-0.001366845	-0.000969194	-0.001406088	-0.001956166	-7.882660612	-0.001651391	-0.001828418	-0.00122278	-0.001880828
c=	-0.01	-0.05	-0.14	-0.19	-0.25	-0.19	-0.08	0.00	-0.21	-0.12	-0.23	-0.02
fiscal year price change in % from 1995 \$'s /2	1.081625	1.081625	1.081625	1.081625	1.081625	1.081625	1.081625	1.081625	1.081625	1.081625	1.081625	1.081625
transmission costs for ISB /3	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438
	14.01	14.21	13.27	9.69	7.51	7.06	1.49	5.46	5.52	9.60	12.43	14.59

Table F

	Oct-98	Nov-98	Dec-98	Jan-99	Feb-99	Mar-99	Apr-99	May-99	Jun-99	Jul-99	Aug-99	Sep-99
a=	18.02127137	17.9268986	18.30557426	17.23293616	16.0125805	15.74425638	15.74143974	64.11581212	18.43941745	18.68143898	18.38180897	17.90288367
b=	-0.001543386	-0.001265763	-0.001425999	-0.001106924	-0.002199545	-0.002166986	-0.002817146	-6.614826198	-0.001806827	-0.001900745	-0.001350097	-0.001925774
c=	-0.12	-0.16	-0.15	-0.22	-0.04	-0.06	0.04	0.00	-0.11	-0.03	-0.12	0.00
fiscal year price change in % from 1995 \$'s /2	1.113208	1.113208	1.113208	1.113208	1.113208	1.113208	1.113208	1.113208	1.113208	1.113208	1.113208	1.113208
transmission costs for ISB /3	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438
	14.61	14.47	13.94	11.03	7.42	7.51	5.00	6.19	6.53	11.55	13.83	15.34
	Oct-99	Nov-99	Dec-99	Jan-00	Feb-00	Mar-00	Apr-00	May-00	Jun-00	Jul-00	Aug-00	Sep-00
a=	18.078169	18.18810342	18.45629962	17.7926491	16.11644595	15.97085458	16.51384349	84.53561761	23.43845534	19.18984569	18.0657755	18.66954533
b=	-0.00161684	-0.001419206	-0.002008786	-0.002019581	-0.002604484	-0.002434045	-0.002406409	-8.896909927	-0.001436016	-0.001745881	-0.001412851	-0.002236955
c=	-0.08	-0.11	-0.08	-0.08	0.00	-0.01	0.01	0.00	-0.48	-0.07	-0.07	0.02
fiscal year price change in % from 1995 \$'s /2	1.147161	1.147161	1.147161	1.147161	1.147161	1.147161	1.147161	1.147161	1.147161	1.147161	1.147161	1.147161
transmission costs for ISB /3	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438
	15.62	15.64	14.77	12.67	9.77	7.10	4.41	6.86	6.86	12.16	14.24	16.52
	Oct-00	Nov-00	Dec-00	Jan-01	Feb-01	Mar-01	Apr-01	May-01	Jun-01	Jul-01	Aug-01	Sep-01
a=	18.88602274	19.32362628	18.01140991	17.17070012	16.16004919	15.82582293	16.08547765	78.32857802	18.88309198	19.59691963	19.5855709	18.72505181
b=	-0.001633916	-0.001544768	-0.001522261	-0.002631295	-0.002835177	-0.002550912	-0.002028387	-8.195631458	-0.002007818	-0.001883564	-0.001169961	-0.001897694
c=	-0.11	-0.14	-0.09	0.02	0.06	0.02	-0.08	0.00	-0.03	-0.06	-0.24	-0.05
fiscal year price change in % from 1995 \$'s /2	1.18387	1.18387	1.18387	1.18387	1.18387	1.18387	1.18387	1.18387	1.18387	1.18387	1.18387	1.18387
transmission costs for ISB /3	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438	2.116438
	16.66	16.94	15.61	12.06	9.92	7.90	4.40	6.80	9.40	13.04	14.79	16.73
/1	These equations calculate price given quantity (q). The calculated price is in 1995 \$'s											
/2	All prices were adjusted to nominal dollars using the 1995 forecast of inflationary trends											
/3	The ISB rate as published in the supplemental rate proposal											

TABLE D

Table D													
PF rates determined by applying the diurnal firm energy price to the target rate includes transmission & UFT, load regulation and load shaping and demand charges													
	31	30	31	31	28	31	30	31	30	31	31	30	365
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
HLH	26.26	26.36	27.99	27.95	27.75	26.80	23.62	12.84	14.54	18.15	26.71	28.16	23.90
LLH	24.71	25.00	24.86	24.40	25.08	25.24	22.52	10.65	11.70	13.75	19.53	23.26	20.86
weighted average	25.60	25.78	26.65	26.43	26.61	26.13	23.15	11.90	13.32	16.27	23.64	26.06	22.60
Diurnally differentiated firm energy cost by month (From table 12 1995 Marginal Cost Analysis Study.):													
HLH	18.7512	18.8228	19.9831	19.9561	19.8159	19.1373	16.866	9.16676	10.3801	12.9603	19.0748	20.1043	17.07
LLH	17.6426	17.8508	17.75	17.4243	17.9099	18.0186	16.0799	7.60781	8.35178	9.81927	13.9468	16.6055	14.89
hlh=	0.57												
llh=	0.43												16.1368
total=	1												
IP rate 1/	22.6												
aggregate MCA rate 2/	16.1368												
transmission (5 year PTP) 3/ transmission in mills/kWh @ 95.5% LF /5	\$1.000	/kWper mo											
	1.43												
weighted energy plus load reg minus transmission	24.16	24.34	25.21	24.99	25.17	24.70	21.71	10.47	11.89	14.83	22.20	24.62	21.19
UFT charge (approximate) /4	0.50	mills/kwh											
weighted energy plus LR minus Trans minus UFT	23.66	23.84	24.71	24.49	24.67	24.20	21.21	9.97	11.39	14.33	21.70	24.12	20.69
1/ proposed IP rate													
2/ aggregate MCA rate from MCA study													
3/ TRDS study Table 12													
4/ TRDS Table 12													
5/ load factor backed out of IP rate calculation page 213 WP-96-E-BPA-61A supplemental rate case													

Table H

Table H													
	discoun	7.80%											
all values are current year dollars in mills/kWh													
purchase d power 1/		<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>
	fy97	<u>21.31</u>	<u>21.98</u>	<u>22.84</u>	<u>22.44</u>	<u>20.02</u>	<u>19.28</u>	<u>20.76</u>	<u>21.24</u>	<u>21.28</u>	<u>20.51</u>	<u>22.01</u>	<u>21.12</u>
fy98	<u>22.16</u>	<u>23.66</u>	<u>23.83</u>	<u>23.36</u>	<u>22.12</u>	<u>21.42</u>	<u>20.37</u>	<u>24.55</u>	<u>24.38</u>	<u>25.20</u>	<u>25.63</u>	<u>22.50</u>	
fy99	<u>24.01</u>	<u>25.41</u>	<u>25.12</u>	<u>24.71</u>	<u>22.19</u>	<u>21.90</u>	<u>20.91</u>	<u>24.54</u>	<u>24.76</u>	<u>24.77</u>	<u>25.41</u>	<u>23.48</u>	
fy00	<u>25.33</u>	<u>27.05</u>	<u>26.86</u>	<u>26.80</u>	<u>24.11</u>	<u>23.17</u>	<u>22.71</u>	<u>34.68</u>	<u>34.55</u>	<u>26.93</u>	<u>25.17</u>	<u>25.08</u>	
fy01	<u>27.32</u>	<u>29.18</u>	<u>26.77</u>	<u>26.41</u>	<u>23.91</u>	<u>22.82</u>	<u>22.90</u>	<u>25.70</u>	<u>25.58</u>	<u>27.11</u>	<u>28.66</u>	<u>25.87</u>	
NPV=	95.54	85.14	99.46	97.96	88.79	86.31	86.03	103.76	104.04	99.05	101.09	93.80	
PMT=	23.80	21.21	24.78	24.40	22.12	21.50	21.43	25.85	25.92	24.68	25.18	23.37	
sold nf power is only for the 12 cases below medium load growth and medium weather													
		<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>
fy97	<u>12.95</u>	<u>12.99</u>	<u>14.06</u>	<u>10.37</u>	<u>7.26</u>	<u>6.75</u>	<u>5.30</u>	<u>7.70</u>	<u>7.30</u>	<u>11.66</u>	<u>14.59</u>	<u>16.19</u>	
fy98	<u>16.10</u>	<u>16.36</u>	<u>15.08</u>	<u>11.27</u>	<u>8.78</u>	<u>8.70</u>	<u>5.00</u>	<u>6.79</u>	<u>6.99</u>	<u>11.10</u>	<u>13.61</u>	<u>15.89</u>	
fy99	<u>15.96</u>	<u>15.71</u>	<u>15.01</u>	<u>11.94</u>	<u>8.78</u>	<u>8.90</u>	<u>5.00</u>	<u>6.92</u>	<u>7.78</u>	<u>12.61</u>	<u>14.84</u>	<u>16.47</u>	
fy00	<u>16.88</u>	<u>16.98</u>	<u>16.25</u>	<u>14.03</u>	<u>11.37</u>	<u>8.61</u>	<u>5.99</u>	<u>7.84</u>	<u>8.02</u>	<u>13.12</u>	<u>14.92</u>	<u>17.28</u>	
fy01	<u>17.32</u>	<u>17.66</u>	<u>16.17</u>	<u>12.75</u>	<u>10.20</u>	<u>8.31</u>	<u>5.10</u>	<u>6.99</u>	<u>9.65</u>	<u>13.36</u>	<u>15.21</u>	<u>17.27</u>	
NPV=	63.01	52.19	61.14	48.01	36.72	32.93	21.15	29.12	31.56	49.33	58.58	66.49	
PMT=	15.70	13.00	15.23	11.96	9.15	8.21	5.27	7.26	7.86	12.29	14.60	16.57	
the capacity costs were spread evenly over all hours HLH and LLH because there is only 1 load shaping charge not separate charges for HLH & LLH													
capacity		<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>
fy97	<u>0.06</u>	<u>0.10</u>	<u>0.09</u>	<u>0.10</u>	<u>0.09</u>	<u>0.08</u>	<u>0.08</u>	<u>0.05</u>	<u>0.04</u>	<u>0.04</u>	<u>0.04</u>	<u>0.03</u>	
fy98	<u>0.07</u>	<u>0.11</u>	<u>0.10</u>	<u>0.12</u>	<u>0.10</u>	<u>0.09</u>	<u>0.07</u>	<u>0.04</u>	<u>0.03</u>	<u>0.03</u>	<u>0.03</u>	<u>0.03</u>	
fy99	<u>0.05</u>	<u>0.09</u>	<u>0.08</u>	<u>0.10</u>	<u>0.10</u>	<u>0.08</u>	<u>0.07</u>	<u>0.05</u>	<u>0.05</u>	<u>0.04</u>	<u>0.05</u>	<u>0.05</u>	
fy00	<u>0.07</u>	<u>0.10</u>	<u>0.10</u>	<u>0.11</u>	<u>0.09</u>	<u>0.08</u>	<u>0.07</u>	<u>0.05</u>	<u>0.05</u>	<u>0.04</u>	<u>0.04</u>	<u>0.04</u>	
fy01	<u>0.05</u>	<u>0.08</u>	<u>0.08</u>	<u>0.09</u>	<u>0.07</u>	<u>0.06</u>	<u>0.06</u>	<u>0.04</u>	<u>0.03</u>	<u>0.02</u>	<u>0.03</u>	<u>0.03</u>	
NPV=	95.54	85.14	99.46	97.96	88.79	86.31	86.03	103.76	104.04	99.05	101.09	93.80	
PMT=	23.80	21.21	24.78	24.40	22.12	21.50	21.43	25.85	25.92	24.68	25.18	23.37	
purchased power plus capacity													
	21.36	22.08	22.93	22.54	20.11	19.36	20.84	21.30	21.33	20.54	22.04	21.14	
	22.23	23.77	23.93	23.48	22.22	21.51	20.44	24.59	24.41	25.23	25.66	22.53	
	24.06	25.49	25.20	24.81	22.29	21.98	20.98	24.59	24.81	24.81	25.46	23.53	
	25.40	27.15	26.96	26.91	24.21	23.26	22.78	34.74	34.59	26.98	25.21	25.12	
	27.37	29.26	26.85	26.50	23.98	22.88	22.96	25.74	25.60	27.14	28.69	25.90	
NPV=	95.54	85.14	99.46	97.96	88.79	86.31	86.03	103.76	104.04	99.05	101.09	93.80	
PMT=	23.80	21.21	24.78	24.40	22.12	21.50	21.43	25.85	25.92	24.68	25.18	23.37	
1/ purchased power prices are from the medium weather cases in the medium high and high economic load growth scenerios													

TABLE K

TABLE K																	
assumptions														discount rate =	7.80%		
sample capacity of a plant					1000	mws								expected sp revenue	\$40,851,885		
capacity factor of plant					100%									expected nf revenue	\$38,213,330		
														total nf + sp rev	\$79,065,214		
maximum size of outage as percent of plant capacity					100%			5 yr						net present value T&P of losses /6	\$1.99		
		fy97	fy98	fy99	fy00	fy01								net present value remkt losses /6	\$21.41		
probability of shutdown due to economy /6		0%	5%	10%	15%	20%								levelized relief from T&P c	\$0.46		
percent to be sold as surplus firm 7/		0%	40%	40%	40%	40%								levelized fixed fee curtailm	\$4.95		
BPA sale price to serving utility				IP rates													
days/month	31	30	31	31	28	31	30	31	30	31	30	31	30	totals /8	365		
fy 97	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL							
possible MWs not taken 1/	744000	720000	744000	744000	672000	744000	720000	744000	720000	744000	8760000						
possible MWs to remarket 1/	0	0	0	0	0	0	0	0	0	0	0						
planned PSW nonfirm sales 2/	-490	-637	-748	-1460	-2190	-2191	-3635	-3435	-3451	-2253							
non-firm sale price 3/	11.41	11.50	12.73	8.96	5.80	4.85	5.00	6.04	5.36	9.78	9.07						
surplus firm sale price	21.36	22.06	22.93	22.54	20.11	19.36	20.84	13.67	13.35	15.16	19.55						
weighted ave IP rate w trans & UFT 4/	25.60	25.78	26.65	26.43	26.61	26.13	23.15	23.15	13.32	16.27	22.63						
weighted ave IP rate w/o trans & UFT	23.66	23.84	24.71	24.48	24.67	24.20	21.21	9.97	11.39	14.33	20.69	T&P	RMKT				
prob weighted lost rev NF sales 5/	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0						
prob weighted lost rev SP sales 5/	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0						
prob weighted lost rev SP sales w/o	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0						
prob weighted lost rev NF sales/w/o tr	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0.00	\$0.00				
											0						
	31	30	31	31	28	31	30	31	30	31	30	31	30	365			
fy 98	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL							
possible MWs not taken 1/	744000	720000	744000	744000	672000	744000	720000	744000	720000	744000	8760000						
possible MWs to remarket 1/	37200	36000	37200	37200	33600	37200	36000	37200	36000	37200	438000						
planned PSW nonfirm sales 2/	-286	-187	-677	-1635	-2658	-2392	-4558	-4129	-3928	-2686	-2055						
non-firm sale price 3/	14.01	14.21	13.27	9.69	7.51	7.06	1.49	5.46	5.52	9.60	9.57						
surplus firm sale price	22.23	23.77	23.93	23.46	22.22	21.51	20.44	15.03	14.97	17.41	21.10						
weighted ave IP rate w trans & UFT 4/	25.60	25.78	26.65	26.43	26.61	26.13	23.15	23.15	13.32	16.27	22.63						
weighted ave IP rate w/o trans & UFT	23.66	23.84	24.71	24.48	24.67	24.20	21.21	9.97	11.39	14.33	20.69						
NF revenue	\$ 312,615	\$ 306,983	\$ 296,211	\$ 216,274	\$ 151,447	\$ 157,688	\$ 32,237	\$ 121,869	\$ 119,313	\$ 214,272	\$ 2,521,602						
prob weighted lost rev NF sales 5/	\$258,689	\$249,827	\$298,538	\$373,628	\$384,982	\$425,550	\$467,789	\$143,796	\$168,402	\$148,782	\$3,417,678						
SP revenues	\$330,788	\$342,356	\$356,074	\$349,332	\$298,665	\$320,103	\$294,371	\$223,595	\$215,546	\$259,125	\$3,696,247						
prob weighted lost rev SP sales 5/	\$8,623	\$8,328	\$9,951	\$12,454	\$12,833	\$14,185	\$15,593	\$4,793	\$5,613	\$4,959	\$113,923						
prob weighted lost rev SP sales w/o	\$21,298	\$995	\$11,641	\$15,151	\$32,956	\$39,938	\$11,125	(\$75,269)	(\$51,592)	(\$45,874)	(\$75,636)						
prob weighted lost rev NF sales/w/o tr	\$215,513	\$208,044	\$255,362	\$330,452	\$345,984	\$382,374	\$426,006	\$100,620	\$126,619	\$105,606	\$2,909,315	\$0.34	\$8.06				
											\$0						
	31	30	31	31	29	31	30	31	30	31	30	31	30	366			
fy 99	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL							
possible MWs not taken 1/	744000	720000	744000	744000	696000	744000	720000	744000	720000	744000	8784000						
possible MWs to remarket 1/	74400	72000	74400	74400	69600	74400	72000	74400	72000	74400	878400						
planned PSW nonfirm sales 2/	-139	-100	-493	-1294	-2142	-1905	-4051	-4243	-3902	-2151							
non-firm sale price 3/	14.61	14.47	13.94	11.03	7.42	7.51	5.00	6.19	6.53	11.55	10.62						
surplus firm sale price	24.06	25.45	25.20	24.81	22.25	21.98	20.96	15.38	15.67	18.18	21.92						
weighted ave IP rate w trans & UFT 4/	25.60	25.78	26.65	26.43	26.61	26.13	23.15	23.15	13.32	16.27	22.63						
weighted ave IP rate w/o trans & UFT	23.66	23.84	24.71	24.48	24.67	24.20	21.21	9.97	11.39	14.33	20.69						
NF revenue	\$ 652,382	\$ 624,964	\$ 622,233	\$ 492,376	\$ 309,664	\$ 335,267	\$ 216,000	\$ 276,343	\$ 281,917	\$ 515,739	\$ 5,607,034						
prob weighted lost rev (NF) 5/	\$490,227	\$488,657	\$567,264	\$687,428	\$801,510	\$831,208	\$784,053	\$254,986	\$293,513	\$210,368	\$6,309,843						
SP revenues	\$715,939	\$734,193	\$750,080	\$738,318	\$620,471	\$654,177	\$604,193	\$458,041	\$451,298	\$541,068	\$7,703,064						
prob weighted lost rev SP sales 5/	\$45,800	\$8,221	\$42,918	\$48,218	\$120,311	\$123,474	\$62,509	(\$103,821)	(\$67,678)	(\$56,997)	\$241,520						
prob weighted lost rev SP sales w/o	(\$11,768)	(\$47,490)	(\$14,650)	(\$9,350)	\$66,457	\$65,905	\$6,798	(\$161,389)	(\$123,389)	(\$114,565)	(\$438,155)						
prob weighted lost rev NF sales/w/o tr	\$403,875	\$405,091	\$480,912	\$601,075	\$720,729	\$744,856	\$700,486	\$168,634	\$209,946	\$124,016	\$5,290,330	\$0.61	\$7.46				
											0.602268933						

TABLE K

	31	30	31	31	28	31	30	31	30	31	365		
fy 00	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL			
possible MWs not taken 1/	744000	720000	744000	744000	672000	744000	720000	744000	720000	744000	8760000		
possible MWs to remarket 1/	111600	108000	111600	111600	100800	111600	108000	111600	108000	111600	1314000		
planned PSW nonfirm sales 2/	-118	-103	-408	-933	-1215	-2170	-3554	-4553	-4156	-2297			
non-firm sale price 3/	15.62	15.64	14.77	12.67	9.77	7.10	4.41	6.86	6.86	12.16	11.39		
surplus firm sale price	25.40	27.15	26.96	26.91	24.21	23.20	22.78	20.80	20.73	19.51	24.01		
weighted ave IP rate w trans & UFT 4/	25.60	25.78	26.65	26.43	26.61	26.13	23.15	11.90	13.32	16.27	22.63		
weighted ave IP rate w/o trans & UFT	23.66	23.84	24.71	24.49	24.67	24.20	21.21	9.97	11.39	14.33	20.69		
NF revenue	#####	#####	\$ 988,917	\$ 848,644	\$ 590,708	\$ 475,632	\$ 285,763	\$ 459,400	\$ 444,495	\$ 814,277	\$ 8,991,101		
prob weighted lost rev (NF) 5/	\$667,841	\$657,015	\$795,328	\$921,061	\$1,018,578	#####	#####	\$337,593	\$418,650	\$274,884	\$8,826,739		
SP revenues	\$1,133,745	#####	\$1,203,302	\$1,201,348	\$976,121	#####	\$984,161	\$928,465	\$895,335	\$873,518	\$12,617,528		
prob weighted lost rev SP sales 5/	\$8,864	(\$59,118)	(\$13,805)	(\$21,544)	\$96,737	\$128,367	\$15,891	(\$397,136)	(\$319,905)	(\$147,411)	(\$738,968)		
prob weighted lost rev SP sales w/o	(\$77,488)	(\$142,685)	(\$100,157)	(\$107,897)	\$18,741	\$42,015	(\$67,675)	(\$483,488)	(\$403,472)	(\$233,763)	(\$1,755,695)		
prob weighted lost rev NF sales/w/o tr	\$538,313	\$531,665	\$665,800	\$791,533	\$901,585	#####	#####	\$208,065	\$293,300	\$145,356	\$7,301,649	\$0.74	\$6.16
											0.833521573		
	31	30	31	31	28	31	30	31	30	31	365		
fy 01	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL			
possible MWs not taken 1/	744000	720000	744000	744000	672000	744000	720000	744000	720000	744000	8760000		
possible MWs to remarket 1/	148800	144000	148800	148800	134400	148800	144000	148800	144000	148800	1752000		
planned PSW nonfirm sales 2/	-147	-148	-330	-1058	-1401	-1995	-3562	-4643	-3303	-2151			
non-firm sale price 3/	16.66	16.94	15.61	12.06	9.92	7.90	4.40	6.80	9.40	13.04	12.02		
surplus firm sale price	27.37	29.26	26.81	26.50	23.96	22.80	22.96	16.27	17.50	20.05	7.39		
weighted ave IP rate w trans & UFT 4/	25.60	25.78	26.65	26.43	26.61	26.13	23.15	11.90	13.32	16.27	22.63		
weighted ave IP rate w/o trans & UFT	23.66	23.84	24.71	24.49	24.67	24.20	21.21	9.97	11.39	14.33	20.69		
NF revenue	#####	#####	#####	#####	#####	#####	\$633,102	#####	\$1,353,067	#####	\$21,093,593		
prob weighted lost rev (NF) 5/	\$797,605	\$763,476	\$985,392	\$1,282,875	\$1,345,649	#####	#####	\$455,374	\$339,021	\$288,097	\$11,100,964		
SP revenues	\$1,629,340	#####	\$1,598,218	\$1,577,168	\$1,289,378	#####	#####	\$968,369	\$1,007,920	\$1,195,621	\$16,835,045		
prob weighted lost rev SP sales 5/	(\$105,862)	(\$200,378)	(\$12,222)	(\$4,097)	\$141,098	\$193,495	\$10,896	(\$259,930)	(\$240,680)	(\$227,478)	(\$996,965)		
prob weighted lost rev SP sales w/o	(\$220,998)	(\$311,800)	(\$127,358)	(\$119,233)	\$37,105	\$78,359	(\$100,526)	(\$375,066)	(\$352,102)	(\$342,614)	(\$2,352,600)		
prob weighted lost rev NF sales/w/o tr	\$624,901	\$596,343	\$812,688	\$1,110,174	\$1,189,658	#####	#####	\$282,669	\$171,888	\$115,393	\$9,067,511	\$0.96	\$5.77
											1.035103985		
1/ Calculate the number of MWs of outage for each month based on the assumed plant capacity,													
1/ (continued) at the assumed 100% outage in a month													
2/ total projected BPA to PSW non firm sales from nfrap oct 95													
3/ Non-firm sale price based on number of aMW of outage per month plus the planned BPA non-firm sales													
3/ (continued), then calculate the nonfirm sale price using the sales equations in Table F													
4/ HLH and LLH weighted average 5 year PF rate													
5/ probability weighted cost if outage occurs this month													
6/ net present values of 5 year annual costs at 7.8% discount rate													
7/ levelized cost of 5 year net present values													
8/ annual totals of monthly costs													
9/ 7.5 kWh per pound		0.1657	dollars per pound energy cost										
10/ surplus firm sales price derived from full load shaping, except May and June are equal to nonfirm and July is weighted average of nonfirm and firm purchase price from full load shaping													