

LIZARD CREEK PROPOSED OPERATION MODES AT SYSTEM FLOWS BETWEEN 0.100 TO 2.00 CMS. **SPRING/SUMMER/FALL**

PLANT MODE			Generator On MODE 1	Generator On MODE 2	Generator On MODE 3	Generator On MODE 4	Generator On MODE 5	Generator Off HEAD POND FILLING (1714 sq. metres)		Lake Level draw down 24hrs. Period
Ossberger Design Flow	Flow to Bypass	system Inflow to headpond	8 hrs. per day At design flow Draw Down mm	8 hrs. Per Day at 60% of design flow Draw Down mm	16hrs. Per Day at 60% of design flow Draw Down mm	8 hrs. Per Day at 30% of design flow Draw Down mm	16hrs. Per Day at 30% of design flow Draw Down mm	Fill 16 hrs. each day Rising mm	Fill 8 hrs. each day Rising mm	Falling mm
cms	cms	cms								
3.00	0.065	0.100						1.2	0.6	-1.8
3.00	0.065	0.150						2.9	1.4	-4.3
3.00	0.065	0.200						4.5	2.3	-6.8
3.00	0.065	0.250						6.2	3.1	-9.3
3.00	0.065	0.300				13.938		7.9		6.0
3.00	0.065	0.350				13.686		9.6		4.1
3.00	0.065	0.400				13.434		11.3		2.2
3.00	0.065	0.450				13.182		12.9		0.2
3.00	0.065	0.500		25.860				14.6		11.2
3.00	0.065	0.550		25.355				16.3		9.1
3.00	0.065	0.600		24.851				18.0		6.9
3.00	0.065	0.650		24.347				19.7		4.7
3.00	0.065	0.700		23.843				21.3		2.5
3.00	0.065	0.750		23.339				23.0		0.3
3.00	0.065	0.800		22.835					12.4	10.5
3.00	0.065	0.850		22.331					13.2	9.1
3.00	0.065	0.900		21.827		10.913			14.0	18.7
3.00	0.065	0.950		21.323		10.661			14.9	17.1
3.00	0.065	1.000		20.819		10.409			15.7	15.5
3.00	0.065	1.050	33.858			10.157			16.6	27.5
3.00	0.065	1.100	33.018			9.905			17.4	25.5
3.00	0.065	1.150	32.177			9.653			18.2	23.6
3.00	0.065	1.200	31.337			9.401			19.1	21.7
3.00	0.065	1.250	30.497			9.149			19.9	19.7
3.00	0.065	1.300	29.657			10.913			20.8	19.8
3.00	0.065	1.350	28.817			10.661			21.6	17.9
3.00	0.065	1.400	27.977			10.409			22.4	16.0
3.00	0.065	1.450	27.137			10.157			23.3	14.0
3.00	0.065	1.500	26.296			9.905			24.1	12.1
3.00	0.065	1.550	25.456			9.653			25.0	10.2
3.00	0.065	1.600	24.616			9.401			25.8	8.2
3.00	0.065	1.650	23.776			9.149			26.6	6.3
3.00	0.065	1.700	22.936			8.897			27.5	4.4
3.00	0.065	1.750	22.096			8.645			28.3	2.4
3.00	0.065	1.800	21.256				6.377			27.6
3.00	0.065	1.850	20.415				6.125			26.5
3.00	0.065	1.900	19.575				5.873			25.4
3.00	0.065	1.950	18.735				5.621			24.4
3.00	0.065	2.000	17.895				5.368			23.3
										0.0

**NOTES**  
 each horizontal line illustrates potential operational strategy and the resulting daily drawdown of Lizard & Lillie lakes  
 plant would automatically switch modes to accommodate changes in "incoming" system flows - FALLING AND RISING  
**MODE 7** - at "incoming" system flows from 2.00 cms to 3.065 cms - plant controls will increase plant flow commensurate to available flows up to 100% of design flow -- see timing/duration/frequency on **LCPI TABLE H-2**  
**MODE 8** - "incoming" flows above 3.065 cms will top the control structure and feed back to BYPASS once the head pond has reached elevation 233.600 -- see timing/duration/frequency on **LCPI TABLE H-2**  
 plant will default to "run of river" mode to accommodate sensitive fisheries windows -- see NEA TABLE (-----)