Appendix 8 Estimate of Unrecovered Depreciation and Accumulated Reserve Variance for the CTGS

		Actual Orginial Cost at Net Addtions and Net Addtions and Orginial Cost						F	0		
		12/31/2017	Retirements 2018	Retirements 2019	at 12/31/2019	Forecast 2020 Retirement	Orginial Cost at 12/31/2020	Forecast 2021 Retirement	Orginial Cost at 12/31/2021		
	Structures and Improvements	9,006,038	(1,188)	56,995	9,061,845	-	9,061,845	(9,061,845)	-	_	
	Boiler Plant Equipment	26,445,980	(2,597)	(650,236)	25,793,147	-	25,793,147	(25,793,147)	-		
	Turbogenerator Units										
	Unit 7	1,954,691	-	(1,954,691)	-		-		-		
	Unit 8	3,909,382	-	-	3,909,382	(3,909,382)	-	-	-		
	Units 9 and 10	15,637,528	8,464	-	15,645,992		15,645,992	(15,645,992)	-		
	Total Turbgenerator Units	21,501,601	8,464	(1,954,691)	19,555,374	(3,909,382)	15,645,992	(15,645,992)	-	_	
	Accessory Electrical Equipment	2,283,113	-	-	2,283,113		2,283,113	(2,283,113)	-		
	Miscellaneous Power Plant Equipment	1,512,887	-	-	1,512,887		1,512,887	(1,512,887)	-		
		60,749,619	4,680	(2,547,932)	58,206,367	(3,909,382)	54,296,985	(54,296,985)	-		
	Decommissioning Costs, net of salvage	11,298,000	(760,052)	(398,340)	10,139,608	(415,000)	9,724,608			='	
	-	72,047,619	:		68,345,975	: =	64,021,593				
		Accumulated									
		Depreciation ("A/D") 12/31/2017	2018	2018 Retirements & Retirement Expense	2019	2019 Retirements & Retirement Expense	A/D 12/31/19				
	Amortization Expense - Actual	(. 4 =) 11/31/101/	2010	Expense	2013	Expense	. 4, 31, 13				
	Structures and Improvements	5,576,582	842,009	(681,135)	844,618	(398,170)	6,183,904				
	Boiler Plant Equipment Turbogenerator Units	19,588,953	2,023,018	(77,415)		(652,576)	22,880,027				
	Unit 7	1,373,687	160,285	(13,422)	80,143	(1,954,861)	(354,168)				
	Unit 8	2,633,028	320,569	, , ,	320,569	, , , ,	3,274,166				
	Units 9 and 10	10,098,042	1,282,624		1,282,971		12,663,637				
	Total Turbgenerator Units	14,104,757	1,763,478	(13,422)		(1,954,861)	15,583,635				
	Accessory Electrical Equipment	1,996,684	117,352		117,352		2,231,388				
	Miscellaneous Power Plant Equipment	1,196,410	105,751		105,751		1,407,912				
	_	42,463,386	4,851,608	(771,972)	4,749,451	(3,005,607)	48,286,866				
	Asset Retirements			11,920		2,607,267					
	Retirement Expense			760,052		398,340					
Annual								2020 Retirements			
reciation	Forecast Amortization Expense - per			2018 Retirements &		2019 Retirements &		& Retirement			
	2017 Study	A/D 12/31/2017	2018	Retirement Expense	2019	Retirement Expense	2020	Expense	2021		
14.41%	Structures and Improvements	5,576,582	1,297,684	(681,135)	1,301,705	(398,170)	1,305,812	(415,000)	652,906	_	
11.34%	Boiler Plant Equipment Turbogenerator Units	19,588,953	2,998,827	(77,415)	2,961,811	(652,576)	2,924,943		1,462,471		
24.47%	Unit 7	1,373,687	478,313	(13,422)	239,156	(1,954,861)	-		-		
17.32%	Unit 8	2,633,028	677,105		677,105		338,552	(3,909,382)	-		
13.70%	Units 9 and 10	10,098,042	2,142,921	-	2,143,501		2,143,501		1,071,750		
	Total Turbgenerator Units	14,104,757	3,298,339	(13,422)		(1,954,861)	2,482,053	(3,909,382)	1,071,750	-	
7.99%	Accessory Electrical Equipment	1,996,684	182,421	-	182,421		182,421		91,210		
10.18%	Miscellaneous Power Plant Equipment	1,196,410	154,012	-	154,012		154,012		77,006	_	
		42,463,386	7,931,283	(771,972)	7,659,712	(3,005,607)	7,049,241	(4,324,382)	3,355,344	60,357,005	3,
	Difference - Study less Actual	-	3,079,675		2,910,261						3,
			Α		В	.				_	
	Composite Rate		13.06%		13.16%		12.98%		12.36%		