Q. For the budget item identified below, provide the following information: 1

		Budget Item	Amount	Description				
		B-58	\$828,000	Upgrade Diesel Plant – St. Lewis				
	(2)	Provide mo	ore detailed rationa	le for the ungrading of the diesel plant				
	(a)	Provide more detailed rationale for the upgrading of the diesel plant						
	(b)	J	datailad braakdawa	of the costs associated with the project				
	` ,	Provide a detailed breakdown of the costs associated with the project.						
	(c)		Provide the following for the St. Lewis system for the period 1996-2000:					
		(i) enei	rgy sold;					
		(ii) annı	ual peak demand;					
		(iii) capi	tal expenditures;					
		(iv) oper	rating costs; and					
		(v) the i	number of domestic	c/commercial customers.				
A.	(a)	The existin	g facility is of wood	len construction and consists of the				
		original die	sel hall with subse	quent additions to accommodate a				
		storage roo	om, workshop and a	an office. It is too small to accommodate				
		the increase in generation capacity since it was first constructed in						
		1970.						
		The diesel hall is very congested and lacks floor area for a laydown						
		space during overhaul of engines, and wall space to accommodate						
		upgrading of electrical systems. As well the low ceiling causes heat						
		entrapmen	t and extreme temp	peratures during the warmer months.				
		This low ce	eiling, combined wit	th a lack of wall space, prevents the				
	Α.	(a) (b) (c)	B-58 (a) Provide mode building. (b) Provide a control (i) energial (ii) annote (iii) capi (iv) operation (iv) operation (iv) original diestorage room the increase 1970. The diesel space during upgrading entrapment.	B-58 \$828,000 (a) Provide more detailed rational building. (b) Provide a detailed breakdown (c) Provide the following for the State (i) energy sold; (ii) annual peak demand; (iii) capital expenditures; (iv) operating costs; and (v) the number of domestic viv) original diesel hall with subsets storage room, workshop and at the increase in generation cape 1970. The diesel hall is very congest space during overhaul of enging upgrading of electrical system entrapment and extreme temps.				

installation of an adequate ventilation system. There is no fire

detection system. The upgrade will also address environmental

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		<u> </u>
	concerns in that the existing plant does not provide for	Page 2 of 2 adequate spill
	containment.	
(b)	Specific costs budgeted for this project are as follows:	
	External Contracts	\$400,000
	Internal Forces	20,000
	Land Surveys/Environment	6,000
	Engineering, Inspection, Proj. Mgmt., Commissioning	145,000
	Corporate O/H, IDC, Escalation, Contingency	<u>198,000</u>
	TOTAL	\$769,000
	Engineering (2002)	\$59,000
	TOTAL	\$828,000
(c)	The following is the information for the St. Lewis system	n for the period
	1996 – 2000.	
		containment. (b) Specific costs budgeted for this project are as follows: External Contracts Internal Forces Land Surveys/Environment Engineering, Inspection, Proj. Mgmt., Commissioning Corporate O/H, IDC, Escalation, Contingency TOTAL Engineering (2002) TOTAL (c) The following is the information for the St. Lewis system

Year	Energy Sold (MWh)	Annual Peak Demand (kW)	Capital Expenditures \$	Operating Cost \$	Customers	
					Domestic	General Service
1996	1674	470	162,200	378,742	108	28
1997	1609	496		324,423	105	27
1998	1517	456	2,190	435,774	99	27
1999	1587	464	48,275	450,092	104	27
2000	1686	480	6,339	428,095	105	29