

1 Q. For each project identified below, provide the following information:

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3 **Budget**

4	<b>Item</b>	<b>Amount</b>	<b>Description</b>
5	B-45	\$297,000	Replace 136 kW Diesel Unit No. 279 – Grey River
6	B-47	\$238,000	Replace 75 kW Diesel Unit No. 252 – Petites
7	B-52	\$299,000	Replace 136 kW Diesel Unit No. 266 – William’s Harbour
8	B-53	\$318,000	Replace 300 kW Diesel Unit No. 288 – Black Tickle
9	B-54	\$301,000	Replace 250 kW Diesel Unit No. 293 - Rigolet

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11 Further to NP-110, provide the expected lower maintenance costs, reduced  
12 fuel consumption and lower lube oil consumption in \$ per year for each  
13 replacement.

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15 A. The units to be replaced are old technology and, as such, are likely 10 to  
16 20% less efficient than equivalent equipment available today. The chart  
17 below shows estimated cost savings based on a 15% reduction in fuel and  
18 lube oil consumption. Based on actual emergency and corrective  
19 maintenance costs, the estimated yearly maintenance savings per unit range  
20 from \$3,800 to \$10,600 with an average of \$6,800.

**Cost Reductions**

Item	Description	Expected Yearly Cost Reductions (\$)	
		Fuel Consumption	Lube Oil Consumption
B45	Replace 136kW Unit 279 - Grey River	4,900	50
B47	Replace 75kW Unit 252 - Petites	3,300	30
B52	Replace 136kW Unit 266 - Williams Hr	4,900	50
B53	Replace 300kW Unit 288 - Black Tickle	11,000	70
B54	Replace 250kW Unit 293 - Rigolet	9,300	70

Note: Fuel and lube oil savings are based on the first full year of operation after installation.