



PROPOSED R&R 15-06
GENERATOR SWITCH GEAR

Project	GENERATOR SWITCH GEAR – Swan Lake		
Description	Swan Lake Generator Switch Gear		
Cost Estimate: \$946,800	Start Date:	July 2014	
Actual Cost:	Completion Date:	June 2015	
Project Management: Steve Henson			
Project Discussion			
Due to the rarity of the existing switch gear and the lack of available spare parts, SEAPA staff has deemed the replacement of the gear with modern and readily available equipment would be prudent to preserve the integrity and reliability of the Swan Lake generation system.			

Project Cost Estimate					
DESCRIPTION	COST EST.	VENDOR	BUDGET REQUEST		SPENT
Engineering & Equipment	\$805,800		Requested FY15	\$946,800	\$0
Installation	141,000				
	0				
Total	\$946,800				\$0
Project Cost Estimate Discussion					
Equipment in the cost estimate includes replacing the entire switch gear cubicles consisting of the breaker, power monitoring equipment and station service switch; it also adds a disconnect switch to isolate the gear and generator from the main transformer buss. A spare breaker is included in the budget. The installation estimate assumes coordination with the Exciter Replacement project.					