CAPITAL IMPROVEMENTS PROGRAM

PROJECT TITLE: New Generation EG-1

PROJECT TYPE: Generation Expansion

DEPARTMENT: Electric Generation

DESCRIPTION:
Install 56 MW fast start reciprocating engine generators.

JUSTIFICATION:
These units will replace Units 1 & 2, and Unit 6 in the GRDA Capacity Payments structure, including an overall increase in capacity payments by installing an increase of 22% in generating capacity. Capacity payments by contract will increase 100%, and extend capacity payments to run concurrent with GRDA Power Purchase Agreement through 2042.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Owners Engineer	$630,000	$1,800,000	$570,000					$3,000,000
Testing	$50,000	$40,000	$221,920					$311,920
Financing		$958,788	$807,514					$1,766,302
Engines		$25,500,00	$4,500,000					$30,000,00
Other Equipment		$13,101,77						$13,101,77
Contractor		$6,250,000	$6,250,000					$12,500,00
Total	$680,000	$47,650,56	$12,349,43					$60,680,00
OP Expense	$0	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0	$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
Revenue Bonds		$60,000,00						$60,000,00
CMLP Reserves	$680,000							$680,000
Total	$680,000	$60,000,00						$60,680,00