CAPITAL IMPROVEMENTS PROGRAM

PROJECT TITLE: **Substation B North Upgrade** **ED-1**

PROJECT TYPE: **Infrastructure Expansion**

DEPARTMENT: Electric Distribution

DESCRIPTION:
Upgrade existing capacity of substation to allow for increased demand by Coffeyville Resources Nitrogen Facility.

JUSTIFICATION:
CRNF and Chaparral plan to increase demand to approximately 90-94 MW by 2016. Current limiting factor of the substation is the two (2) 75 MVA transformers, that will not reliably support total load requirements.
Total cost of project to be reimbursed by CRNF, per the Amended and Restated Electric Service Agreement.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Engineering	$188,000	$112,000						$300,000
Procurement	$400,000	$1,925,000						$2,325,000
Construction	$300,000	$375,000						$675,000
Total	$888,000	$2,412,000						$3,300,000

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
CRNF Reimbursed	$888,000	$2,412,000						$3,300,000
Total	$888,000	$2,412,000						$3,300,000