

**Project Number:** EU85  
**Project Title:** Edward Hospital Substation Capacity Expansion  
**Department Name:** Electric

**Asset Type:** Electric Utility  
**CIP Status:** New  
**Project Category:** Capital Upgrade

**Budget Year:** 2017  
**Category Code:** A  
**Sector:** Northeast

**Project Purpose:**

This project directly supports the expansion of Edward Hospital's inpatient facilities by increasing the capacity of the existing substation.

**Project Narrative:**

The project will be funded by Edward Hospital to increase the capacity of the existing 15MVA substation to 30MVA by adding two 7.5MVA transformers and a control house with indoor 34.5kV switchgear. The project directly supports expansion of Edward Hospital's inpatient facilities by providing the customer required fully redundant power sources. This project will span three calendar years and begin designs in CY2017.

**External Funding Sources Available:**

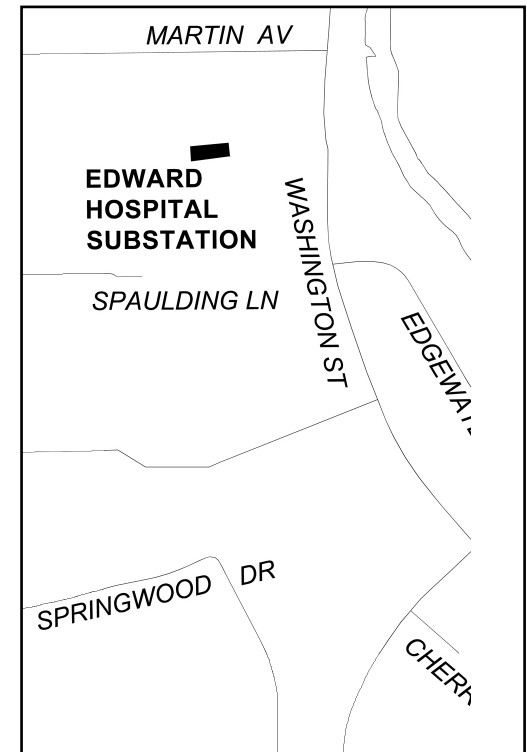
This project will be funded by Edward Hospital.

**Projected Timetable:**

The project will span three calendar years with design beginning in CY2017.

**Impact on Operating Budget:**

None. The project will be funded by Edward Hospital.



**Funding Source Summary**

Funding Source	2017	2018	2019	2020	2021	Total Source
Private Contributions	2,500,000	510,000	104,040	0	0	3,114,040
<b>Totals</b>	<b>2,500,000</b>	<b>510,000</b>	<b>104,040</b>	<b>0</b>	<b>0</b>	<b>3,114,040</b>

**Project Cost Summary**

Expense Category	2016 Budget	2017	2018	2019	2020	2021	Total CIP
Construction	0	750,000	153,000	31,212	0	0	934,212
Consultant	0	0	51,000	10,404	0	0	61,404
Engineering	0	250,000	0	0	0	0	250,000
Equip. & Maint.	0	1,500,000	306,000	62,424	0	0	1,868,424
<b>Totals</b>	<b>0</b>	<b>2,500,000</b>	<b>510,000</b>	<b>104,040</b>	<b>0</b>	<b>0</b>	<b>3,114,040</b>