

## Summary of Department Projects

\* Amounts are in thousands of dollars

### Lincoln Electric System

**0614 - G:Land - Service Center - 115000000614 - 2011/2012 FINAL**

**Group:** (None)

**Program:** (None)

**Description:** Purchase land for possible replacement of the LES Service Center. With the future growth of Lincoln expanding to the east and south, the current site on north 27th street creates additional costs in travel time and fuel expenses. The facility would be constructed to the higher energy standards that exist today. Also, the revised Lancaster County flood plain information published in January 2011 shows further encroachment into our facility. While we have installed a flood mitigation system at the facility, we no longer have the 3 feet of "freeboard" or additional clearance required to meet the standards of a mitigation system. This new site would serve as a backup data center to our facility at 8484 SW 12th.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:** 12/31/2012

**Rating:** C

**Status:** New

Prior Appropriations	Six Year Total	Costs Beyond			Project Total	
\$0.0	\$6,240.0	\$0.0			\$0.0	
Appropriations	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System	\$6,240.0					
Estimated Cost by Activity	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Other	X					

**0581 - G:Back Up Data Center - 105000000581 - 2011/2012 FINAL**

**Group:** (None)

**Program:** (None)

**Description:** Begin construction of a backup data center at a site yet to be determined. The backup data center will provide redundancy for critical operational systems.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:** 06/01/2015

**Rating:** C

**Status:** Continued

Prior Appropriations	Six Year Total	Costs Beyond			Project Total	
\$0.0	\$2,307.0	\$0.0			\$0.0	
Appropriations	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System			\$1,593.0	\$714.0		
Estimated Cost by Activity	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Other			X	X		

## Summary of Department Projects

\* Amounts are in thousands of dollars

### Lincoln Electric System

**0117 - T:Misc. Construction/Rebuild - 075028000117 - 2011/2012 FINAL**

**Group:** Transmission

**Program:** (None)

**Description:** Smaller, miscellaneous 115,000 volt and 345,00 volt transmission construction and rebuild projects that are of a repetitive nature. These projects can be related to new construction, upgrades or rebuilds.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:**

**Rating:** B

**Status:**Ongoing

Prior Appropriations	Six Year Total	Costs Beyond	Project Total			
\$0.0	\$2,178.0	\$0.0	\$0.0			
Appropriations	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System	\$294.0	\$303.0	\$312.0	\$321.0	\$322.0	\$626.0
Estimated Cost by Activity	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Construction	X	X	X	X	X	X
Other	X	X	X	X	X	X

**0214 - T:Right-of-Way/Easements - 075028000214 - 2011/2012 FINAL**

**Group:** Transmission

**Program:** (None)

**Description:** This item provides for purchasing right-of-way (ROW) and easements for 115,000 volt transmission lines. Construction damages are also included in these estimates. Easements (new or perfected) are required for the following projects in this CIP:

- Sheldon Station (Hallam, NE) to SW33rd & Denton Road
- 57th & Garland to 84th & Leighton
- CLRP: 56th & Everett to 17th & Holdrege
- SW7th & Bennet - 40th & Rokeby
- 91st & Highway 2 to 76th & Rokeby

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:**

**Rating:** B

**Status:**Ongoing

Prior Appropriations	Six Year Total	Costs Beyond	Project Total			
\$0.0	\$6,976.0	\$0.0	\$0.0			
Appropriations	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System	\$2,208.0	\$1,445.0	\$879.0	\$652.0	\$1,532.0	\$260.0
Estimated Cost by Activity	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Land Acquisition	X	X	X	X	X	X
Other	X	X	X	X	X	X

## Summary of Department Projects

\* Amounts are in thousands of dollars

### Lincoln Electric System

**0213 - T:Relocations - 075028000213 - 2011/2012 FINAL**

**Group:** Transmission

**Program:** (None)

**Description:** Relocation of existing 115,000 volt and 345,00 volt transmission lines for road projects, as required.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:**

**Rating:** B

**Status:** Ongoing

Prior Appropriations	Six Year Total	Costs Beyond	Project Total			
\$0.0	\$380.0	\$0.0	\$0.0			
Appropriations	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System	\$58.0	\$60.0	\$62.0	\$64.0	\$67.0	\$69.0
Estimated Cost by Activity	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Construction	X	X	X	X	X	X
Other	X	X	X	X	X	X

**0576 - T:115kV 57th&Garland to 84th & Leighton - 105028000576 - 2011/2012 FINAL**

**Group:** Transmission

**Program:** (None)

**Description:** Rebuild approximately 2 miles of 115kV Line along the existing corridor between 57th & Garland Substation and 84th & Leighton Substation. The existing line was installed in 1956, will be 56 years old and is reaching the end of its useful life. The new line will be constructed with bundled conductors to increase line capacity which will resolve the overload conditions internal studies have identified under certain outage contingencies.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:** 05/31/2012

**Rating:** B

**Status:** Continued

Prior Appropriations	Six Year Total	Costs Beyond			Project Total	
\$826.0	\$1,761.0	\$0.0			\$0.0	
Appropriations	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System	\$1,761.0					
Estimated Cost by Activity	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Construction	X					
Other	X					

## Summary of Department Projects

\* Amounts are in thousands of dollars

### Lincoln Electric System

**0425 - T:NERC Remediation - 085028000425 - 2011/2012 FINAL**

**Group:** Transmission

**Program:** (None)

**Description:** Due to a NERC (North America Electric Reliability Council) alert issued in October 2010, all LES facilities are to be analyzed to ensure that field conditions of its transmission facilities adhere to the Facility Ratings Methodology criteria created based on FAC-008-1 depicted in NERC regulations. L1099 to Sheldon substation (NPPD) has been shown to be in need of modifications if it is to adhere to current design criteria, even though it is estimated to be currently operating within the constraints for which it was originally designed.

This project was originally described to upgrade L1099 to Sheldon. It is now evident that other lines in need of upgrade may be identified during a survey that will be completed in early 2011. Remediation construction will need to be completed as soon as possible after problems are identified to meet NERC requirements.

L1099 - Rebuild approximately 12.3 miles of existing 115kV between Sheldon Station (Hallam, NE) and SW33rd & Denton Road.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:** 12/31/2013

**Rating:** B

**Status:**Continued

Prior Appropriations	Six Year Total	Costs Beyond	Project Total
\$0.0	\$11,263.0	\$0.0	\$0.0

Appropriations	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System	\$7,255.0	\$4,008.0				
<b>Estimated Cost by Activity</b>	<b>2011/2012</b>	<b>2012/2013</b>	<b>2013/2014</b>	<b>2014/2015</b>	<b>2015/2016</b>	<b>2016/2017</b>
Construction	X	X				
Other	X	X				

**0541 - T:CLRP 56th&Everett-17th&Holdrege 115kV Line - 095028000541 - 2011/2012 FINAL**

**Group:** Transmission

**Program:** (None)

**Description:** Extend about 5.3 miles of 115kV line from the 56th & Everett Substation to the existing 17th & Holdrege Substation. Along the way, the line will connect to the 30th & A Substation and a proposed 21st & N Substation. This is major upgrade that will replace aging infrastructure, support anticipated load growth associated with the Vision 2015 plan, and improve system reliability. The final route has been selected.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:** 10/31/2013

**Rating:** B

**Status:**Continued

Prior Appropriations	Six Year Total	Costs Beyond	Project Total
\$0.0	\$28,430.0	\$0.0	\$0.0

Appropriations	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System	\$19,820.0	\$8,610.0				
<b>Estimated Cost by Activity</b>	<b>2011/2012</b>	<b>2012/2013</b>	<b>2013/2014</b>	<b>2014/2015</b>	<b>2015/2016</b>	<b>2016/2017</b>
Construction	X	X				
Other	X	X				

## Summary of Department Projects

\* Amounts are in thousands of dollars

### Lincoln Electric System

**0424 - T:115kV SW7th & Bennet - 40th & Rokeby - 085028000424 - 2011/2012 FINAL**

**Group:** Transmission

**Program:** (None)

**Description:** Install about 5.5 miles of 115kV transmission line from a proposed 115kV substation near SW 7th & Bennet Road to the existing 115kV substation at 40th & Rokeby Road.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:** 05/01/2015

**Rating:** C

**Status:**Continued

Prior Appropriations	Six Year Total	Costs Beyond	Project Total
\$0.0	\$2,402.0	\$0.0	\$0.0

Appropriations	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System			\$1,199.0	\$1,203.0		

Estimated Cost by Activity	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Construction			X	X		
Other			X	X		

**0237 - S:Misc Ongoing Construction - 075029000237 - 2011/2012 FINAL**

**Group:** Substation

**Program:** (None)

**Description:** Various, smaller construction, rebuild and communication projects that are required to enhance customer service and reliability.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:**

**Rating:** B

**Status:**Ongoing

Prior Appropriations	Six Year Total	Costs Beyond	Project Total
\$0.0	\$15,038.0	\$0.0	\$0.0

Appropriations	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System	\$2,920.0	\$2,567.0	\$4,710.0	\$4,083.0	\$394.0	\$364.0

Estimated Cost by Activity	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Construction	X	X	X	X	X	X
Other	X	X	X	X	X	X

## Summary of Department Projects

\* Amounts are in thousands of dollars

### Lincoln Electric System

**0238 - S:Substation Sites - 075029000238 - 2011/2012 FINAL**

**Group:** Substation

**Program:** (None)

**Description:** Purchase land for substation sites as required for supporting continued growth. In this CIP, new sites are needed for substations near these proposed locations:

- 38th & Bennet Road
- SW56th & "K"
- 120th & Alvo Road
- 128th & "O"

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:**

**Rating:** B

**Status:** Ongoing

Prior Appropriations	Six Year Total	Costs Beyond				Project Total
\$0.0	\$1,138.0	\$0.0				\$0.0
Appropriations	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System	\$572.0	\$107.0	\$110.0	\$113.0	\$116.0	\$120.0
Estimated Cost by Activity	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Land Acquisition	X	X	X	X	X	X
Other	X	X	X	X	X	X

**0257 - S:NW 70th & Fairfield Substation - 075029000257 - 2011/2012 FINAL**

**Group:** Substation

**Program:** (None)

**Description:** Build a new 115-12kV substation near NW 70th & Fairfield. This substation will serve continuing residential growth in this area. This substation will also provide better reliability to Air Park customers. This substation will absorb some load currently served from the 35kV substations (to be retired) located in the Air Park area and provide additional capacity to support future growth in northwest Lincoln. The 115kV system also provides additional efficiency in reducing electrical line losses as compared to the 35kV system.

**Sustainability:** Substation transformers are economically evaluated including the life-cycle cost of electrical losses. This allows LES to purchase higher quality transformers with lower electrical losses (lower energy use and reduction of greenhouse gasses) while maintaining lowest overall cost for customers.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:** 05/31/2012

**Rating:** B

**Status:** Continued

Prior Appropriations	Six Year Total	Costs Beyond				Project Total
\$3,327.0	\$429.0	\$0.0				\$0.0
Appropriations	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System	\$429.0					
Estimated Cost by Activity	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Construction	X					
Other	X					

## Summary of Department Projects

\* Amounts are in thousands of dollars

### Lincoln Electric System

**0618 - S:Replace 115-12kV Substation Trfr - 115029000618 - 2011/2012 FINAL**

**Group:** Substation

**Program:** (None)

**Description:** Replace an existing 115-12kV transformer at an existing substation. We are conducting studies to determine the best location for a replacement. We will keep the old transformer as a spare to facilitate outage restoration in the event of a failure of another transformer.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:** 12/31/2013

**Rating:** B

**Status:** New

Prior Appropriations	Six Year Total		Costs Beyond		Project Total	
\$0.0	\$2,857.0		\$0.0		\$0.0	
Appropriations	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System	\$152.0	\$2,705.0				
Estimated Cost by Activity	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Construction	X	X				
Other	X	X				

**0543 - S:21st & N Substation Expansion - 095029000543 - 2011/2012 FINAL**

**Group:** Substation

**Program:** (None)

**Description:** Add a 115-12kV, 36 MVA transformer and associated switchgear at a proposed substation near 21st & N. This capacity addition will support the continuing growth in central Lincoln as well as allow for the retirement of the existing 35-12kV substation at 19th & Q. This new substation will provide reliable service to the Research Corridor and Synergy Towers identified in Vision 2015 plan. The existing substation at 19th & Q is not adequate to serve the load growth identified in Vision 2015. In addition, the existing substation is served from the less reliable 35kV system. The proposed expanded substation would be sourced from the 115kV system (more efficient and more reliable).

**Sustainability:** Substation transformers are economically evaluated including the life-cycle cost of electrical losses. This allows LES to purchase higher quality transformers with lower electrical losses (lower energy use and reduction of greenhouse gasses) while maintaining lowest overall cost for customers.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:** 05/01/2015

**Rating:** B

**Status:** Continued

Prior Appropriations	Six Year Total		Costs Beyond		Project Total	
\$0.0	\$3,953.0		\$0.0		\$0.0	
Appropriations	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System	\$113.0	\$120.0	\$3,247.0	\$473.0		
Estimated Cost by Activity	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Construction	X	X	X	X		
Other	X	X	X	X		

## Summary of Department Projects

\* Amounts are in thousands of dollars

### Lincoln Electric System

**0578 - S:17th&Holdrege Substation - 105029000578 - 2011/2012 FINAL**

**Group:** Substation

**Program:** (None)

**Description:** Phase 1: Add two 115kV breakers, bus, switches and associated relaying to install an additional line terminal to connect a 115kV line to the 21st & N substation (CLRP).

Phase 2: Add a 115-12kV, 36 MVA transformer and associated switchgear at the existing 17th & Holdrege Substation. This capacity addition will support growth at University of Nebraska City Campus, research corridor, and the Nebraska Innovation Campus as well as allow retirement of the existing 35-12kV substation at 12th & Oak.

**Sustainability:** Substation transformers are economically evaluated including the life-cycle cost of electrical losses. This allows LES to purchase higher quality transformers with lower electrical losses (lower energy use and reduction of greenhouse gasses) while maintaining lowest overall cost for customers.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:** 05/31/2016

**Rating:** B

**Status:**Continued

**Prior Appropriations**

**Six Year Total**

**Costs Beyond**

**Project Total**

\$0.0

\$3,754.0

\$0.0

\$0.0

#### Appropriations

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

2016/2017

Lincoln Electric System	\$753.0	\$346.0		\$1,935.0	\$720.0	
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#### Estimated Cost by Activity

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

2016/2017

Construction	X	X		X	X	
Other	X	X		X	X	

**0245 - S:84th & Leighton Transformer #2 - 075029000245 - 2011/2012 FINAL**

**Group:** Substation

**Program:** (None)

**Description:** Add a second 115-12kV, 36 MVA transformer to the existing substation at 84th & Leighton. The second transformer will replace four smaller 35-12kV transformers and is required to provide additional capacity to ensure reliable service for the growing electric needs of the area.

**Sustainability:** Substation transformers are economically evaluated including the life-cycle cost of electrical losses. This allows LES to purchase higher quality transformers with lower electrical losses (lower energy use and reduction of greenhouse gasses) while maintaining lowest overall cost for customers. In addition, the 115kV-12kV substation is significantly more efficient than the older 35-12kV substations.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:** 12/31/2016

**Rating:** B

**Status:**Continued

**Prior Appropriations**

**Six Year Total**

**Costs Beyond**

**Project Total**

\$0.0

\$3,612.0

\$0.0

\$0.0

#### Appropriations

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

2016/2017

Lincoln Electric System					\$3,612.0	
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#### Estimated Cost by Activity

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

2016/2017

Construction					X	
Other					X	

## Summary of Department Projects

\* Amounts are in thousands of dollars

### Lincoln Electric System

**0426 - S:115kV SW7th & Bennet Sub - 085029000426 - 2011/2012 FINAL**

**Group:** Substation

**Program:** (None)

**Description:** Construct a proposed 115kV switching substation near SW7th & Bennet Road. This substation will also provide for a future 115-12kV transformer and switchgear at this location.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:** 05/01/2014

**Rating:** C

**Status:**Continued

<b>Prior Appropriations</b>	<b>Six Year Total</b>		<b>Costs Beyond</b>		<b>Project Total</b>	
\$0.0	\$2,512.0		\$0.0		\$0.0	
<b>Appropriations</b>	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System	\$451.0	\$1,710.0	\$351.0			
<b>Estimated Cost by Activity</b>	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Construction	X	X	X			
Other	X	X	X			

**0283 - S:27th & Pine Lake Transformer #2 - 075029000283 - 2011/2012 FINAL**

**Group:** Substation

**Program:** (None)

**Description:** Add second 115-12kV transformer at the existing 27th & Pine Lake Substation. This expansion is required to serve the growing load in this area.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:** 05/31/2018

**Rating:** C

**Status:**Continued

<b>Prior Appropriations</b>	<b>Six Year Total</b>		<b>Costs Beyond</b>		<b>Project Total</b>	
\$0.0	\$2,184.0		\$952.0		\$0.0	
<b>Appropriations</b>	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System						\$2,184.0
<b>Estimated Cost by Activity</b>	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Construction						X
Other						X

## Summary of Department Projects

\* Amounts are in thousands of dollars

### Lincoln Electric System

**0073 - O:Transformers & Meters - 075030000073 - 2011/2012 FINAL**

**Group:** Overhead Distribution

**Program:** (None)

**Description:** We will install approximately 5,000 kVA of pole-mounted transformers per year to serve new load and to replace old, deteriorated transformers.

This project also covers the purchase of meters for both overhead and underground customer services. This item also covers the standard installation charge for the new transformers and meters (per FERC accounting rules).

We are proposing a shift from the old, mechanical meters to AMI (Advanced Metering Infrastructure) meters. This CIP includes \$24 million for the transition to AMI meters. Another \$7 million is included in substation communications for the system to communicate with the meters.

**Sustainability:** All distribution transformers are economically evaluated including the life-cycle cost of electrical losses. This allows LES to purchase higher quality transformers with lower electrical losses (lower energy use and reduction of greenhouse gasses) while maintaining lowest overall cost for customers.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:**

**Rating:** A

**Status:** Ongoing

Prior Appropriations	Six Year Total	Costs Beyond	Project Total			
\$0.0	\$33,484.0	\$0.0	\$0.0			
Appropriations	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System	\$641.0	\$2,756.0	\$11,417.0	\$17,208.0	\$720.0	\$742.0
Estimated Cost by Activity	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Construction	X	X	X	X	X	X
Other	X	X	X	X	X	X

**0074 - O:Extensions - 075030000074 - 2011/2012 FINAL**

**Group:** Overhead Distribution

**Program:** (None)

**Description:** RESIDENTIAL EXTENSIONS: The residential extension item provides for the addition of primary (12,500 volt) and secondary lines (low voltage) to new residential customers or to existing residential customers for increased load. This item also covers removal of existing overhead facilities when a service is converted to underground. Most new service conductors are installed underground.

COMMERCIAL/INDUSTRIAL: A commercial/industrial extension is the addition of primary, secondary, or service facilities to a new customer or to an existing customer for increased load, where the customer is commercial or industrial.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:**

**Rating:** A

**Status:** Ongoing

Prior Appropriations	Six Year Total	Costs Beyond	Project Total			
\$0.0	\$1,428.0	\$0.0	\$0.0			
Appropriations	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System	\$222.0	\$228.0	\$234.0	\$241.0	\$248.0	\$255.0
Estimated Cost by Activity	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Construction	X	X	X	X	X	X
Other	X	X	X	X	X	X

## Summary of Department Projects

\* Amounts are in thousands of dollars

### Lincoln Electric System

**0079 - O:Major Circuits - 075030000079 - 2011/2012 FINAL**

**Group:** Overhead Distribution

**Program:** (None)

**Description:** FEEDERS

This budget item provides for ongoing construction of new 12kV and 35kV feeders (main distribution circuits). Reconductoring of existing overhead feeders for capacity requirements and the installation of 600 amp disconnect switches for sectionalizing are also covered by this project.

**Sustainability:** Distribution feeder conductors are economically evaluated including the life-cycle cost of electrical losses. This allows LES to install higher capacity lines with lower electrical losses (lower energy use and reduction of greenhouse gasses) while maintaining lowest overall cost for customers.

**CAPACITORS**

This item provides for the installation of pole-mounted distribution capacitor banks. Capacitors are used for power factor correction on the distribution system. These capacitors provide a more economic operation by reducing unmetered electric losses in the distribution and transmission system. They also provide needed voltage support at peak load conditions. We plan to install 2 - 1,200 kVAR, radio-controlled, switched overhead capacitor banks per year.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:**

**Rating:** A

**Status:** Ongoing

Prior Appropriations	Six Year Total	Costs Beyond	Project Total			
\$0.0	\$2,389.0	\$0.0	\$0.0			
Appropriations	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System	\$665.0	\$198.0	\$219.0	\$445.0	\$447.0	\$415.0
Estimated Cost by Activity	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Construction	X	X	X	X	X	X
Other	X	X	X	X	X	X

**0077 - O:Rebuilds - 075030000077 - 2011/2012 FINAL**

**Group:** Overhead Distribution

**Program:** (None)

**Description:** The rebuild budget item is for replacement or removal of deteriorated (or otherwise obsolete) facilities. Some rebuild work will be associated with new or increased loads. Rebuild work will also be required on joint poles with the telephone company. Our goal is to replace approximately 500 old, deteriorated poles per year. We will also annually test about 1,600 poles and treat about 1,200 of these poles with preservative to extend their life.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:**

**Rating:** B

**Status:** Ongoing

Prior Appropriations	Six Year Total	Costs Beyond	Project Total			
\$0.0	\$7,364.0	\$0.0	\$0.0			
Appropriations	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System	\$1,335.0	\$1,121.0	\$1,165.0	\$1,204.0	\$1,243.0	\$1,296.0
Estimated Cost by Activity	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Construction	X	X	X	X	X	X
Other	X	X	X	X	X	X

## Summary of Department Projects

\* Amounts are in thousands of dollars

### Lincoln Electric System

#### 0076 - O:Service Area Adjustments - 075030000076 - 2011/2012 FINAL

Group: Overhead Distribution

Program: (None)

**Description:** LES and Norris have entered into a Joint Planning Agreement. The agreement calls for the planning in a Joint Planning Area and the orderly transition of service area from Norris to LES as required to keep all of the City of Lincoln within LES' service area. These adjustments will provide a buffer area around the city limits to allow planning for infrastructure in these areas.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:**

Rating: B

Status: Ongoing

Prior Appropriations

\$0.0

Six Year Total

\$817.0

Costs Beyond

\$0.0

Project Total

\$0.0

#### Appropriations

	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System	\$127.0	\$131.0	\$134.0	\$138.0	\$141.0	\$146.0

#### Estimated Cost by Activity

	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Construction	X	X	X	X	X	X
Other	X	X	X	X	X	X

#### 0078 - O:Relocations - 075030000078 - 2011/2012 FINAL

Group: Overhead Distribution

Program: (None)

**Description:** This item provides for the relocation of existing overhead distribution facilities. This item also includes the overhead portion of an overhead-to-underground relocation project. Relocations are generally requested for federal, state, county, or city governmental agencies for road widening, sewer construction, etc. Customers also request relocation work for various projects. An "aid-to-construction", based on non-betterment cost to LES, is usually required for these projects. We anticipate relocating about 3-4 miles of overhead distribution lines annually.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:**

Rating: B

Status: Ongoing

Prior Appropriations

\$0.0

Six Year Total

\$1,402.0

Costs Beyond

\$0.0

Project Total

\$0.0

#### Appropriations

	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System	\$218.0	\$224.0	\$230.0	\$236.0	\$243.0	\$251.0

#### Estimated Cost by Activity

	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Construction	X	X	X	X	X	X
Other	X	X	X	X	X	X

## Summary of Department Projects

\* Amounts are in thousands of dollars

### Lincoln Electric System

**0081 - U:Transformers - 075031000081 - 2011/2012 FINAL**

**Group:** Underground Distribution

**Program:** (None)

**Description:** Based on projected customer growth, about 35,000 kVA of pad-mounted transformers will be purchased each year to serve new load and to replace existing transformers that are damaged or fail in service. Disposal of PCB-contaminated transformers is included in this project. This item also covers the standard installation charge for the new transformers (per FERC accounting).

**Sustainability:** All distribution transformers are economically evaluated including the life-cycle cost of electrical losses. This allows LES to purchase higher quality transformers with lower electrical losses (lower energy use and reduction of greenhouse gasses) while maintaining lowest overall cost for customers.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:**

**Rating:** A

**Status:** Ongoing

Prior Appropriations	Six Year Total	Costs Beyond	Project Total
\$0.0	\$8,237.0	\$0.0	\$0.0

Appropriations	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System	\$1,019.0	\$1,199.0	\$1,439.0	\$1,482.0	\$1,526.0	\$1,572.0

Estimated Cost by Activity	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Construction	X	X	X	X	X	X
Other	X	X	X	X	X	X

**0082 - U:Extensions - 075031000082 - 2011/2012 FINAL**

**Group:** Underground Distribution

**Program:** (None)

**Description:** RESIDENTIAL EXTENSION: A projected 2,000 new residential customers per year will be served from proposed, new underground primary, secondary or service additions. Also covered by this budget item are about 400 existing customers that request overhead to underground conversions of their electric service or upgrades for increased load.

RESIDENTIAL DEVELOPMENT: This provides primary and secondary extensions to new residential developments and apartment complexes.

COMMERCIAL EXTENSION: About 400 new commercial and industrial customers per year will require new underground primary, secondary or service installations. Other commercial customers will expand their business and will require upgraded service conductors and transformer capacities.

COMMERCIAL DEVELOPMENT: Newly platted commercial and industrial developments, including small shopping centers and offices are covered in this budget item.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:**

**Rating:** A

**Status:** Ongoing

Prior Appropriations	Six Year Total	Costs Beyond	Project Total
\$0.0	\$31,018.0	\$0.0	\$0.0

Appropriations	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System	\$4,795.0	\$4,939.0	\$5,088.0	\$5,240.0	\$5,397.0	\$5,559.0

Estimated Cost by Activity	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Construction	X	X	X	X	X	X
Other	X	X	X	X	X	X

## Summary of Department Projects

\* Amounts are in thousands of dollars

### Lincoln Electric System

**0086 - U:Major Circuits - 075031000086 - 2011/2012 FINAL**

**Group:** Underground Distribution

**Program:** (None)

**Description:** FEEDER

This project provides for construction of new 12kV and 35kV feeders (main distribution lines). The installation of switchgears on existing feeders is also included in this budget item. We will install about 5 to 6 miles of underground feeders per year.

**Sustainability:** Distribution feeder conductors are economically evaluated including the life-cycle cost of electrical losses. This allows LES to install higher capacity lines with lower electrical losses (lower energy use and reduction of greenhouse gasses) while maintaining lowest overall cost for customers.

**PADMOUNT CAPACITORS**

This item provides for the installation of padmounted capacitor banks on the underground distribution system. Capacitors are used for power factor correction on the distribution system. These capacitors provide a more economic operation by reducing unmetered electric losses in the distribution and transmission system. They also provide needed voltage support at peak load conditions. We plan to install 4 - 1,200 kVAR, radio-controlled, padmounted capacitor banks per year.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:**

**Rating:** A

**Status:** Ongoing

Prior Appropriations	Six Year Total	Costs Beyond	Project Total			
\$0.0	\$7,693.0	\$0.0	\$0.0			
Appropriations	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System	\$1,319.0	\$1,194.0	\$1,403.0	\$1,435.0	\$1,154.0	\$1,188.0
Estimated Cost by Activity	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Construction	X	X	X	X	X	X
Other	X	X	X	X	X	X

**0083 - U:Rebuilds - 075031000083 - 2011/2012 FINAL**

**Group:** Underground Distribution

**Program:** (None)

**Description:** This item provides for replacement of existing underground facilities due to age, deterioration, or other operating problems. This budget item also includes replacing deteriorated overhead facilities with underground, when feasible. The identified projects are general system upgrades that will extend the life of existing underground facilities. These upgrades are:

- Install lightning arresters at open points improve protection of UG cables.
- Cable Replacement: LES has about 1,230 circuit miles of underground primary distribution conductor in service. We recognize that some of our underground cable and equipment is approaching the end of its useful life. We anticipate the increased need to replace deteriorating underground cable and obsolete equipment to maintain adequate reliability levels for our customers. We plan to replace about 4 miles of deteriorated conductor and associated equipment annually. Replacement will be done on an "as required" basis. We are also starting a program to install duct (about 100,000 feet per year) along existing older cable to facilitate rapid installation in a future failure event.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:**

**Rating:** B

**Status:** Ongoing

Prior Appropriations	Six Year Total	Costs Beyond	Project Total			
\$0.0	\$21,895.0	\$0.0	\$0.0			
Appropriations	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System	\$3,191.0	\$3,594.0	\$3,437.0	\$3,783.0	\$3,891.0	\$3,999.0
Estimated Cost by Activity	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Construction	X	X	X	X	X	X
Other	X	X	X	X	X	X

## Summary of Department Projects

\* Amounts are in thousands of dollars

### Lincoln Electric System

**0085 - U:Relocations - 075031000085 - 2011/2012 FINAL**

**Group:** Underground Distribution

**Program:** (None)

**Description:** This item provides for the relocation of existing underground distribution facilities. This item also includes the underground portion of an overhead-to-underground relocation project. Relocations are generally requested by federal, state, county, or city governmental agencies for road widening, sewer construction, etc. Other relocation work is requested by customers. An "aid-to-construction", based on non-betterment cost to LES, is usually required for these projects. Typically we will:

- Relocate 3 to 4 miles of existing overhead and underground lines and associated transformers and equipment for road widening projects and customer requests.
- Convert to underground about 1 mile of existing overhead lines and associated transformers and equipment in the discretionary overhead to underground conversion program.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:**

**Rating:** B

**Status:** Ongoing

Prior Appropriations	Six Year Total	Costs Beyond	Project Total			
\$0.0	\$12,668.0	\$0.0	\$0.0			
Appropriations	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System	\$3,828.0	\$1,750.0	\$1,732.0	\$1,747.0	\$1,785.0	\$1,826.0
Estimated Cost by Activity	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Construction	X	X	X	X	X	X
Other	X	X	X	X	X	X

**0070 - W:OH Distribution - Waverly - 075032000070 - 2011/2012 FINAL**

**Group:** Waverly

**Program:** (None)

**Description:** Various overhead distribution projects in Waverly city limits. This includes services for new customers as well as rebuilding existing facilities to maintain a reliable system.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:**

**Rating:** A

**Status:** Ongoing

Prior Appropriations	Six Year Total	Costs Beyond	Project Total			
\$0.0	\$74.0	\$0.0	\$0.0			
Appropriations	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System	\$12.0	\$12.0	\$12.0	\$12.0	\$13.0	\$13.0
Estimated Cost by Activity	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Construction	X	X	X	X	X	X
Other	X	X	X	X	X	X

## Summary of Department Projects

\* Amounts are in thousands of dollars

### Lincoln Electric System

**0071 - W:UG Distribution - Waverly - 075032000071 - 2011/2012 FINAL**

**Group:** Waverly

**Program:** (None)

**Description:** Various underground distribution projects in Waverly city limits. This includes services for new customers as well as rebuilding existing facilities to maintain a reliable system.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:**

**Rating:** A

**Status:** Ongoing

<b>Prior Appropriations</b>	<b>Six Year Total</b>		<b>Costs Beyond</b>		<b>Project Total</b>	
\$0.0	\$662.0		\$0.0		\$0.0	
<b>Appropriations</b>	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System	\$109.0	\$110.0	\$110.0	\$111.0	\$111.0	\$111.0
<b>Estimated Cost by Activity</b>	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Construction	X	X	X	X	X	X
Other	X	X	X	X	X	X

**0072 - W:Street Light - Waverly - 075032000072 - 2011/2012 FINAL**

**Group:** Waverly

**Program:** (None)

**Description:** Various street light projects in Waverly city limits.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:**

**Rating:** B

**Status:** Ongoing

<b>Prior Appropriations</b>	<b>Six Year Total</b>		<b>Costs Beyond</b>		<b>Project Total</b>	
\$0.0	\$40.0		\$0.0		\$0.0	
<b>Appropriations</b>	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System	\$6.0	\$6.0	\$7.0	\$7.0	\$7.0	\$7.0
<b>Estimated Cost by Activity</b>	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Construction	X	X	X	X	X	X
Other	X	X	X	X	X	X

## Summary of Department Projects

\* Amounts are in thousands of dollars

### Lincoln Electric System

**0089 - L:Misc Ongoing Projects - 075033000089 - 2011/2012 FINAL**

**Group:** Street Light

**Program:** (None)

**Description:** SECURITY LIGHTS

Security lighting provides for lighting of private property, as requested by customers, for which they are charged a monthly fee.

#### COUNTY STREET LIGHTS

This budget item provides for street light facilities for Lancaster County roads. LES accounts for these facilities separately from City of Lincoln street light facilities.

#### STATE STREET LIGHTS

This budget item provides for street light facilities for State of Nebraska highways. LES accounts for these facilities separately from City of Lincoln street light facilities.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:**

**Rating:** B

**Status:**Ongoing

Prior Appropriations	Six Year Total	Costs Beyond	Project Total
\$0.0	\$198.0	\$0.0	\$0.0

Appropriations	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System	\$30.0	\$31.0	\$32.0	\$34.0	\$35.0	\$36.0

Estimated Cost by Activity	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Construction	X	X	X	X	X	X
Other	X	X	X	X	X	X

**0067 - P:Laramie River Station - 075034000067 - 2011/2012 FINAL**

**Group:** Power Supply

**Program:** (None)

**Description:** This item represents LES' share of anticipated annual capital expenditures for the Laramie River Station. The Laramie River facility consistently ranks among the lowest cost generating stations in the United States. This performance record is a result of efficient and effective design and the continued review and upgrade of facility systems. The Project's facilities are in good condition and in compliance with environmental and other regulatory requirements. However, after over twenty five years of operation the system is beginning to show its age. This fact, coupled with technological advances, is cause for additional investments in the Project. A number of significant plant improvements are scheduled for the 2009 through 2015 time frame, including steam turbine upgrades, which will produce significant additional energy without any additional fuel consumption or associated air emissions, and environmental systems improvements.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:** 01/01/2012

**Rating:** A

**Status:**Ongoing

Prior Appropriations	Six Year Total	Costs Beyond	Project Total
\$0.0	\$16,290.0	\$0.0	\$0.0

Appropriations	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System	\$4,006.0	\$6,506.0	\$2,006.0	\$1,506.0	\$1,256.0	\$1,010.0

Estimated Cost by Activity	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Construction	X	X	X	X	X	X
Other	X	X	X	X	X	X

## Summary of Department Projects

\* Amounts are in thousands of dollars

### Lincoln Electric System

**0137 - P:Walter Scott Energy Center #4 - 075034000137 - 2011/2012 FINAL**

**Group:** Power Supply

**Program:** (None)

**Description:** This item covers ongoing capital investments in LES' newest base load power plant. LES has a 100 MW share of the Walter Scott Energy Center output. WSEC #4 uses a high efficiency, super critical steam boiler design and extensive emissions controls which significantly reduces fuel consumption and air emissions compared to standard coal plant designs.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:**

**Rating:** A

**Status:**Ongoing

**Prior Appropriations**

\$0.0

**Six Year Total**

\$3,445.0

**Costs Beyond**

\$0.0

**Project Total**

\$0.0

#### Appropriations

	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System	\$458.0	\$558.0	\$588.0	\$598.0	\$608.0	\$635.0

#### Estimated Cost by Activity

	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Construction	X	X	X	X	X	X
Other	X	X	X	X	X	X

**0157 - P:Misc Env.,Safety,Security - 075034000157 - 2011/2012 FINAL**

**Group:** Power Supply

**Program:** (None)

**Description:** This budget item provides for unanticipated capital expenditures imposed by changing regulatory or operational requirements or unexpected major equipment failures. Based on 1997 through 2008 operating experience, the local LES generating assets have reached a new level of required performance and availability. With recent market conditions and transmission line loading constraints, it will be critical to maintain these turbines at a high operational level for periods of critical peak demand and during other generating unit outages. Changing environmental regulations and permitting mandates may also require unanticipated unit modifications. It is also anticipated that site security upgrades could be dictated by any number of regulatory agencies (FERC, NERC, Homeland Security Agency, etc.).

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:**

**Rating:** B

**Status:**Ongoing

**Prior Appropriations**

\$0.0

**Six Year Total**

\$3,850.0

**Costs Beyond**

\$0.0

**Project Total**

\$0.0

#### Appropriations

	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System	\$575.0	\$625.0	\$650.0	\$650.0	\$675.0	\$675.0

#### Estimated Cost by Activity

	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Construction	X	X	X	X	X	X
Other	X	X	X	X	X	X

## Summary of Department Projects

\* Amounts are in thousands of dollars

### Lincoln Electric System

**0156 - P:Local Generation Capital Projects - 075034000156 - 2011/2012 FINAL**

**Group:** Power Supply

**Program:** (None)

**Description:** This Budget item covers a variety of projects at the three local gas fired power plants: Rokeby Station, 8th & J Street Station and the Salt Valley Generating Station. These plant improvements and upgrades are necessary to maintain the operating reliability as well as environmental and security requirements for these critical assets.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:**

**Rating:** B

**Status:** Ongoing

**Prior Appropriations**

\$0.0

**Six Year Total**

\$6,389.0

**Costs Beyond**

\$0.0

**Project Total**

\$0.0

#### Appropriations

	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System	\$1,120.0	\$1,017.0	\$1,017.0	\$1,045.0	\$1,070.0	\$1,120.0

#### Estimated Cost by Activity

	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Construction	X	X	X	X	X	X
Other	X	X	X	X	X	X

**0572 - P:Local Renewable Generating Resource - 105034000572 - 2011/2012 FINAL**

**Group:** Power Supply

**Program:** (None)

**Description:** This budget item will cover the development of a renewable energy project and/or energy storage system. LES continues to evaluate renewable energy technologies such as landfill gas based electrical production, advanced photo-voltaic solar power as well as wind technologies compatible with urban settings. This item could also fund the evaluation and, if viable, implementation of an energy storage system. Energy storage significantly enhance the viability of intermittent renewable resources like wind and solar. Finally, implementation of any large scale energy efficiency projects for LES generating facilities would be covered under this budget item.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:** 09/01/2012

**Rating:** C

**Status:** Continued

**Prior Appropriations**

\$2,455.0

**Six Year Total**

\$3,497.0

**Costs Beyond**

\$0.0

**Project Total**

\$0.0

#### Appropriations

	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System	\$3,497.0					

#### Estimated Cost by Activity

	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Construction	X					
Other	X					

## Summary of Department Projects

\* Amounts are in thousands of dollars

### Lincoln Electric System

**0573 - P:Base Load Resource - 105034000573 - 2011/2012 FINAL**

**Group:** Power Supply

**Program:** (None)

**Description:** Future base load generating resource - This project covers a 100 MW share of of a new base load generating facility. LES' current resource planning model identifies this resource as a nuclear unit.

**Comp Plan Conformance:** Generally Conforms with Plan

**Anticipated Date In Service:** 05/01/2025

**Rating:** C

**Status:**Continued

Prior Appropriations	Six Year Total	Costs Beyond	Project Total
\$0.0	\$32,472.0	\$613,837.0	\$0.0

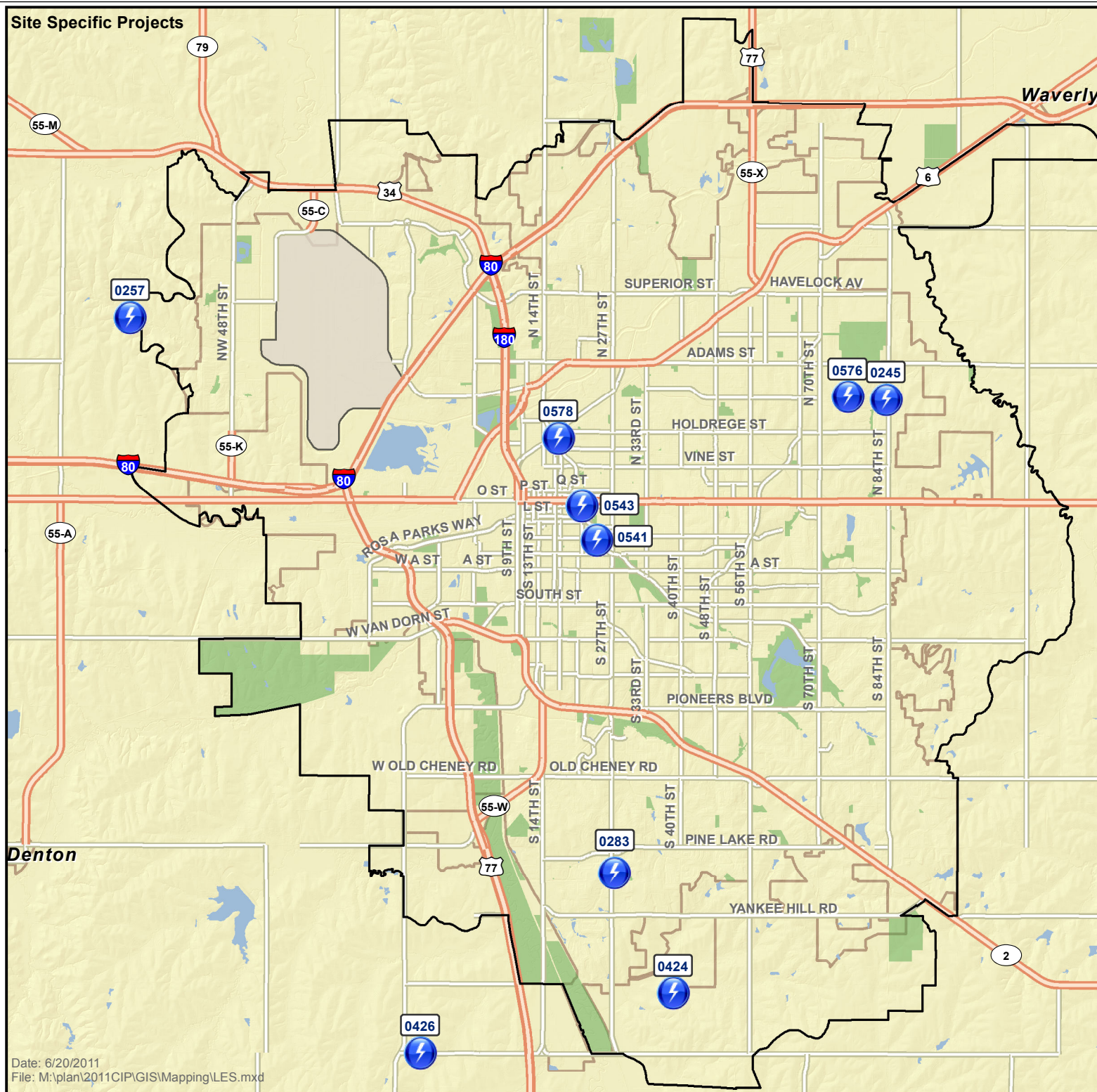
Appropriations	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Lincoln Electric System				\$15,074.0	\$16,093.0	\$1,305.0

Estimated Cost by Activity	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Preliminary Plans				X		
Final Plans					X	
Other				X	X	X

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## Site Specific Projects



# Lincoln CIP 2011 - 2017

## Lincoln Electric System



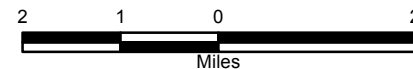
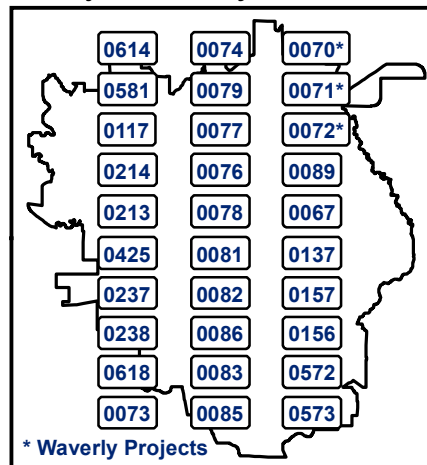
Project Locations

XXXX

Last 4 digits of project number

Lincoln's Future Service Limit  
Shown as Black Outline

## Projects with Citywide Benefit



Consult the detailed project descriptions  
and funding summary for further information.

## Funding Summary - By Project

\* Amounts are in thousands of dollars

### Lincoln Electric System

Project Title	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	
0614 G:Land - Service Center	\$6,240.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$6,240.0
0581 G:Back Up Data Center	\$0.0	\$0.0	\$1,593.0	\$714.0	\$0.0	\$0.0	\$2,307.0
0117 T:Misc. Construction/Rebuild	\$294.0	\$303.0	\$312.0	\$321.0	\$322.0	\$626.0	\$2,178.0
0214 T:Right-of-Way/Easements	\$2,208.0	\$1,445.0	\$879.0	\$652.0	\$1,532.0	\$260.0	\$6,976.0
0213 T:Relocations	\$58.0	\$60.0	\$62.0	\$64.0	\$67.0	\$69.0	\$380.0
0576 T:115kV 57th&Garland to 84th & Leighton	\$1,761.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$1,761.0
0425 T:NERC Remediation	\$7,255.0	\$4,008.0	\$0.0	\$0.0	\$0.0	\$0.0	\$11,263.0
0541 T:CLRP 56th&Everett-17th&Holdrege 115kV Line	\$19,820.0	\$8,610.0	\$0.0	\$0.0	\$0.0	\$0.0	\$28,430.0
0424 T:115kV SW7th & Bennet - 40th & Rokeby	\$0.0	\$0.0	\$1,199.0	\$1,203.0	\$0.0	\$0.0	\$2,402.0
0237 S:Misc Ongoing Construction	\$2,920.0	\$2,567.0	\$4,710.0	\$4,083.0	\$394.0	\$364.0	\$15,038.0
0238 S:Substation Sites	\$572.0	\$107.0	\$110.0	\$113.0	\$116.0	\$120.0	\$1,138.0
0257 S:NW 70th & Fairfield Substation	\$429.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$429.0
0618 S:Replace 115-12kV Substation Trfr	\$152.0	\$2,705.0	\$0.0	\$0.0	\$0.0	\$0.0	\$2,857.0
0543 S:21st & N Substation Expansion	\$113.0	\$120.0	\$3,247.0	\$473.0	\$0.0	\$0.0	\$3,953.0
0578 S:17th&Holdrege Substation	\$753.0	\$346.0	\$0.0	\$1,935.0	\$720.0	\$0.0	\$3,754.0
0245 S:84th & Leighton Transformer #2	\$0.0	\$0.0	\$0.0	\$0.0	\$3,612.0	\$0.0	\$3,612.0
0426 S:115kV SW7th & Bennet Sub	\$451.0	\$1,710.0	\$351.0	\$0.0	\$0.0	\$0.0	\$2,512.0
0283 S:27th & Pine Lake Transformer #2	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$2,184.0	\$2,184.0
0074 O:Extensions	\$222.0	\$228.0	\$234.0	\$241.0	\$248.0	\$255.0	\$1,428.0
0079 O:Major Circuits	\$665.0	\$198.0	\$219.0	\$445.0	\$447.0	\$415.0	\$2,389.0
0073 O:Transformers & Meters	\$641.0	\$2,756.0	\$11,417.0	\$17,208.0	\$720.0	\$742.0	\$33,484.0
0077 O:Rebuilds	\$1,335.0	\$1,121.0	\$1,165.0	\$1,204.0	\$1,243.0	\$1,296.0	\$7,364.0
0078 O:Relocations	\$218.0	\$224.0	\$230.0	\$236.0	\$243.0	\$251.0	\$1,402.0
0076 O:Service Area Adjustments	\$127.0	\$131.0	\$134.0	\$138.0	\$141.0	\$146.0	\$817.0
0082 U:Extensions	\$4,795.0	\$4,939.0	\$5,088.0	\$5,240.0	\$5,397.0	\$5,559.0	\$31,018.0
0086 U:Major Circuits	\$1,319.0	\$1,194.0	\$1,403.0	\$1,435.0	\$1,154.0	\$1,188.0	\$7,693.0
0081 U:Transformers	\$1,019.0	\$1,199.0	\$1,439.0	\$1,482.0	\$1,526.0	\$1,572.0	\$8,237.0
0083 U:Rebuilds	\$3,191.0	\$3,594.0	\$3,437.0	\$3,783.0	\$3,891.0	\$3,999.0	\$21,895.0
0085 U:Relocations	\$3,828.0	\$1,750.0	\$1,732.0	\$1,747.0	\$1,785.0	\$1,826.0	\$12,668.0
0070 W:OH Distribution - Waverly	\$12.0	\$12.0	\$12.0	\$12.0	\$13.0	\$13.0	\$74.0
0071 W:UG Distribution - Waverly	\$109.0	\$110.0	\$110.0	\$111.0	\$111.0	\$111.0	\$662.0
0072 W:Street Light - Waverly	\$6.0	\$6.0	\$7.0	\$7.0	\$7.0	\$7.0	\$40.0
0089 L:Misc Ongoing Projects	\$30.0	\$31.0	\$32.0	\$34.0	\$35.0	\$36.0	\$198.0
0067 P:Laramie River Station	\$4,006.0	\$6,506.0	\$2,006.0	\$1,506.0	\$1,256.0	\$1,010.0	\$16,290.0
0137 P:Walter Scott Energy Center #4	\$458.0	\$558.0	\$588.0	\$598.0	\$608.0	\$635.0	\$3,445.0

## Funding Summary - By Project

\* Amounts are in thousands of dollars

### Lincoln Electric System

		2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	
0157	P:Misc Env., Safety, Security	\$575.0	\$625.0	\$650.0	\$650.0	\$675.0	\$675.0	\$3,850.0
0156	P:Local Generation Capital Projects	\$1,120.0	\$1,017.0	\$1,017.0	\$1,045.0	\$1,070.0	\$1,120.0	\$6,389.0
0572	P:Local Renewable Generating Resource	\$3,497.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$3,497.0
0573	P:Base Load Resource	\$0.0	\$0.0	\$0.0	\$15,074.0	\$16,093.0	\$1,305.0	\$32,472.0
<b>Department Total:</b>		<b>\$70,199.0</b>	<b>\$48,180.0</b>	<b>\$43,383.0</b>	<b>\$61,754.0</b>	<b>\$43,426.0</b>	<b>\$25,784.0</b>	<b>\$292,726.0</b>

### Funding Sources

Fund Source	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	
Lincoln Electric System	\$70,199.0	\$48,180.0	\$43,383.0	\$61,754.0	\$43,426.0	\$25,784.0	<b>\$292,726.0</b>
	<b>\$70,199.0</b>	<b>\$48,180.0</b>	<b>\$43,383.0</b>	<b>\$61,754.0</b>	<b>\$43,426.0</b>	<b>\$25,784.0</b>	<b>\$292,726.0</b>

\* Amounts are in thousands of dollars