

Summary of Department Projects

* Amounts are in thousands of dollars

Lincoln Electric System

0580 - G:Data Center/BUCC - 105000000580 - 2010/2011 FINAL

Group: (None)

Program: (None)

Description: Construction of a data center and backup control center at the Rokeby Generation Station site. This construction is in lieu of purchasing a HP POD (Performance Optimized Datacenter) as originally shown in the 2010 Corporate Services capital budget. This new structure will drastically reduce the current risk of our data facilities relative to insufficient power, cooling and location within the flood plain.

Comp Plan Conformance: Generally Conforms with Plan

Anticipated Date In Service: 05/01/2011

Rating: A

Status:New

Prior Appropriations
\$2,004.0

Six Year Total
\$2,813.0

Costs Beyond
\$0.0

Project Total
\$0.0

Appropriations

2010/2011 2011/2012 2012/2013 2013/2014 2014/2015 2015/2016

Lincoln Electric System	\$2,813.0					
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Estimated Cost by Activity

2010/2011 2011/2012 2012/2013 2013/2014 2014/2015 2015/2016

Other	X					
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0581 - G:Back Up Data Center - 105000000581 - 2010/2011 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: 06/01/2012

Rating: B

Status:New

Prior Appropriations
\$0.0

Six Year Total
\$2,307.0

Costs Beyond
\$0.0

Project Total
\$0.0

Appropriations

2010/2011 2011/2012 2012/2013 2013/2014 2014/2015 2015/2016

Lincoln Electric System	\$1,593.0	\$714.0				
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Estimated Cost by Activity

2010/2011 2011/2012 2012/2013 2013/2014 2014/2015 2015/2016

Other	X	X				
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Summary of Department Projects

* Amounts are in thousands of dollars

Lincoln Electric System

0231 - T:115kV Folsom & Pl. Hill Area - 075028000231 - 2010/2011 FINAL

Group: Transmission

Program: (None)

Description: Pleasant Hill Road, SW12th - Folsom: Rebuild/upgrade 0.5 miles of existing 115kV line to double-circuit transmission line. The new line will be constructed on the same corridor as the existing line.

Pleasant Hill Road, Folsom - 1st: Construct 0.5 miles of new 115kV double-circuit transmission line.

Both of the lines will be terminated at the proposed Folsom & Pleasant Hill substation.

Comp Plan Conformance: Generally Conforms with Plan

Anticipated Date In Service: 05/01/2011

Rating: A

Status:Continued

Prior Appropriations

Six Year Total

Costs Beyond

Project Total

\$1,064.0

\$790.0

\$0.0

\$0.0

Appropriations

2010/2011

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

Lincoln Electric System	\$790.0					
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Estimated Cost by Activity

2010/2011

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

Construction	X					
Other	X					

0117 - T:Misc. Construction/Rebuild - 075028000117 - 2010/2011 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

\$2,202.0

\$0.0

\$0.0

Appropriations

2010/2011

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

Lincoln Electric System	\$899.0	\$295.0	\$304.0	\$313.0	\$322.0	\$69.0
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Estimated Cost by Activity

2010/2011

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

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

0213 - T:Relocations - 075028000213 - 2010/2011 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

\$526.0

\$0.0

\$0.0

Appropriations

2010/2011

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

Lincoln Electric System	\$82.0	\$84.0	\$87.0	\$89.0	\$91.0	\$93.0
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Estimated Cost by Activity

2010/2011

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

Construction	X	X	X	X	X	X
Other	X	X	X	X	X	X

0214 - T:Right-of-Way/Easements - 075028000214 - 2010/2011 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 Rokeby Generating Station
- Folsom & Pleasant Hill Area
- 57th & Garland to 84th & Leighton
- 56th & Everett to 30th & A
- 30th & A to 21st & N
- 21st & N 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

\$6,224.0

\$0.0

\$0.0

Appropriations

2010/2011

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

Lincoln Electric System	\$1,621.0	\$735.0	\$880.0	\$546.0	\$676.0	\$1,766.0
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Estimated Cost by Activity

2010/2011

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

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

0576 - T:115kV 57th&Garland to 84th & Leighton - 105028000576 - 2010/2011 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:New

Prior Appropriations
\$0.0

Six Year Total
\$2,734.0

Costs Beyond
\$0.0

Project Total
\$0.0

Appropriations	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Lincoln Electric System		\$2,734.0				
Estimated Cost by Activity	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Construction		X				
Other		X				

0542 - T:30th & A - 56th & Everett 115kV - 095028000542 - 2010/2011 FINAL

Group: Transmission

Program: (None)

Description: Construct approximately 2 miles of new 115kV single circuit transmission line between the 30th & A Substation and the 56th & Everett Substation. This line addresses end of life issues with the existing 115kV line from 20th & Pioneers to 30th & A Substation.

Comp Plan Conformance: Generally Conforms with Plan

Anticipated Date In Service: 05/01/2013

Rating: B

Status:Continued

Prior Appropriations
\$0.0

Six Year Total
\$2,852.0

Costs Beyond
\$0.0

Project Total
\$0.0

Appropriations	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Lincoln Electric System		\$1,411.0	\$1,441.0			
Estimated Cost by Activity	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
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 - 2010/2011 FINAL

Group: Transmission

Program: (None)

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

Comp Plan Conformance: Generally Conforms with Plan

Anticipated Date In Service: 05/01/2014

Rating: C

Status:Continued

Prior Appropriations	Six Year Total		Costs Beyond		Project Total	
\$0.0	\$5,162.0		\$0.0		\$0.0	
Appropriations	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Lincoln Electric System			\$2,607.0	\$2,555.0		
Estimated Cost by Activity	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Construction			X	X		
Other			X	X		

0540 - T:17th & Holdrege - 21st & N 115kV Line - 095028000540 - 2010/2011 FINAL

Group: Transmission

Program: (None)

Description: Upgrade existing 35kV line to 115kV. The upgrade is required to increase capacity to the proposed 21st & N Substation to provide electric service to the Vision 2015 projects: UNL Research Corridor, Synergy Towers, Innovation Park.

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	\$562.0		\$0.0		\$0.0	
Appropriations	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Lincoln Electric System				\$278.0	\$284.0	
Estimated Cost by Activity	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Construction				X	X	
Other				X	X	

Summary of Department Projects

* Amounts are in thousands of dollars

Lincoln Electric System

0541 - T:30th & A - 21st & N 115kV Line - 095028000541 - 2010/2011 FINAL

Group: Transmission

Program: (None)

Description: Extend about 2 miles of 115kV line from the 30th & A Substation to the proposed 21st & N Substation. This is major upgrade to support the anticipated load growth associated with the Vision 2015 plan.

Comp Plan Conformance: Generally Conforms with Plan

Anticipated Date In Service: 05/01/2016

Rating: C

Status:Continued

	Prior Appropriations		Six Year Total		Costs Beyond		Project Total	
	\$0.0		\$8,581.0		\$0.0		\$0.0	
Appropriations	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016		
Lincoln Electric System					\$4,245.0	\$4,336.0		
Estimated Cost by Activity	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016		
Construction					X	X		
Other					X	X		

0232 - T:91 st & Hwy 2-76th & Rokeby Rd 115kV Line - 075028000232 - 2010/2011 FINAL

Group: Transmission

Program: (None)

Description: Install approximately 3.25 miles of 115kV transmission line from the existing 91st & Highway 2 Substation to a proposed distribution substation near 76th & Rokeby Road.

Comp Plan Conformance: Generally Conforms with Plan

Anticipated Date In Service: 12/31/2017

Rating: C

Status:Continued

	Prior Appropriations		Six Year Total		Costs Beyond		Project Total	
	\$0.0		\$1,578.0		\$1,545.0		\$0.0	
Appropriations	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016		
Lincoln Electric System						\$1,578.0		
Estimated Cost by Activity	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016		
Construction							X	
Other							X	

Summary of Department Projects

* Amounts are in thousands of dollars

Lincoln Electric System

0243 - S:Folsom & Pl Hill Sub - 075029000243 - 2010/2011 FINAL

Group: Substation

Program: (None)

Description: Construct a new substation near Folsom & Pleasant Hill Road to connect 115kV lines in the area and provide for switching. This is part of a major rebuild in southwest Lincoln. The proposed substation will also provide for a 115-12kV transformer to serve the customer growth in this 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.

Comp Plan Conformance: Generally Conforms with Plan

Anticipated Date In Service: 05/01/2011

Rating: A

Status:Continued

Prior Appropriations	Six Year Total		Costs Beyond		Project Total	
\$4,387.0	\$300.0		\$0.0		\$0.0	
Appropriations	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Lincoln Electric System	\$300.0					
Estimated Cost by Activity	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Construction	X					
Other	X					

0237 - S:Misc Ongoing Construction - 075029000237 - 2010/2011 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	\$13,211.0		\$0.0		\$0.0	
Appropriations	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Lincoln Electric System	\$3,497.0	\$3,232.0	\$3,647.0	\$1,495.0	\$592.0	\$748.0
Estimated Cost by Activity	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
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 - 2010/2011 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:

- NW40th & Arbor Road
- SW7th & Bennet Road
- 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
\$0.0

Six Year Total
\$862.0

Costs Beyond
\$0.0

Project Total
\$0.0

Appropriations	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Lincoln Electric System	\$104.0	\$104.0	\$107.0	\$318.0	\$113.0	\$116.0

Estimated Cost by Activity	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Land Acquisition	X	X	X	X	X	X
Other	X	X	X	X	X	X

0578 - S:17th&Holdrege Substation - 105029000578 - 2010/2011 FINAL

Group: Substation

Program: (None)

Description: Add a 115-12kV, 39.2 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. The estimate also includes one 115kV breaker and associated relaying to install an additional line terminal to connect a 115kV line to the 21st & N substation

Comp Plan Conformance: Generally Conforms with Plan

Anticipated Date In Service: 12/31/2012

Rating: B

Status:New

Prior Appropriations
\$0.0

Six Year Total
\$3,383.0

Costs Beyond
\$0.0

Project Total
\$0.0

Appropriations	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Lincoln Electric System	\$2,239.0	\$1,144.0				

Estimated Cost by Activity	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Construction	X	X				
Other	X	X				

Summary of Department Projects

* Amounts are in thousands of dollars

Lincoln Electric System

0257 - S:NW 70th &Fairfield Substation - 075029000257 - 2010/2011 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.

Comp Plan Conformance: Generally Conforms with Plan

Anticipated Date In Service: 12/31/2012

Rating: B

Status:Continued

	Prior Appropriations	Six Year Total	Costs Beyond	Project Total			
	\$0.0	\$3,735.0	\$0.0	\$0.0			
Appropriations		2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Lincoln Electric System		\$673.0	\$3,062.0				
Estimated Cost by Activity		2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Construction		X	X				
Other		X	X				

0426 - S:115kV SW7th & Bennet Sub - 085029000426 - 2010/2011 FINAL

Group: Substation

Program: (None)

Description: Construct a proposed 115kV switching substation near SW7th & Saltillo 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

	Prior Appropriations	Six Year Total	Costs Beyond	Project Total			
	\$0.0	\$2,493.0	\$0.0	\$0.0			
Appropriations		2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Lincoln Electric System			\$305.0	\$1,826.0	\$362.0		
Estimated Cost by Activity		2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Construction			X	X	X		
Other			X	X	X		

Summary of Department Projects

* Amounts are in thousands of dollars

Lincoln Electric System

0543 - S:21st & N Substation Expansion - 095029000543 - 2010/2011 FINAL

Group: Substation

Program: (None)

Description: Add a 115-12kV, 39.2 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. Expand capacity of existing substation at 19th & Q to provide reliable service to the Research Corridor and Synergy Towers identified in Vision 2015 plan. The existing substation 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.

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: C

Status:Continued

Prior Appropriations	Six Year Total		Costs Beyond		Project Total	
\$0.0	\$4,216.0		\$0.0		\$0.0	
Appropriations	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Lincoln Electric System			\$155.0	\$3,401.0	\$660.0	
Estimated Cost by Activity	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Construction			X	X	X	
Other			X	X	X	

0245 - S:84th & Leighton Transformer #2 - 075029000245 - 2010/2011 FINAL

Group: Substation

Program: (None)

Description: Add a second 115-12kV, 39.2 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: 05/01/2016

Rating: C

Status:Continued

Prior Appropriations	Six Year Total		Costs Beyond		Project Total	
\$0.0	\$3,794.0		\$0.0		\$0.0	
Appropriations	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Lincoln Electric System					\$3,687.0	\$107.0
Estimated Cost by Activity	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Construction					X	X
Other					X	X

Summary of Department Projects

* Amounts are in thousands of dollars

Lincoln Electric System

0577 - S:NW56th&Morton Substation - 105029000577 - 2010/2011 FINAL

Group: Substation

Program: (None)

Description: Add a 115-12kV, 39.2 MVA transformer and associated switchgear in a new substation at NW 56th & Morton. This substation will absorb remaining load served from the 35kV substations located in the Air Park area and support the future growth in northwest Lincoln.

Comp Plan Conformance: Generally Conforms with Plan

Anticipated Date In Service: 12/31/2016

Rating: C

Status:New

Prior Appropriations	Six Year Total		Costs Beyond		Project Total	
\$0.0	\$4,086.0		\$0.0		\$0.0	
Appropriations	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Lincoln Electric System					\$789.0	\$3,297.0
Estimated Cost by Activity	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Construction					X	X
Other					X	X

0246 - S:76th & Rokeby Substation - 075029000246 - 2010/2011 FINAL

Group: Substation

Program: (None)

Description: Build a 115-12kV substation near 76th & Rokeby. This capacity addition will support the continuing growth in southeast Lincoln.

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: 12/31/2017

Rating: C

Status:Continued

Prior Appropriations	Six Year Total		Costs Beyond		Project Total	
\$0.0	\$652.0		\$3,352.0		\$0.0	
Appropriations	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Lincoln Electric System						\$652.0
Estimated Cost by Activity	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Construction						X
Other						X

Summary of Department Projects

* Amounts are in thousands of dollars

Lincoln Electric System

0258 - S:120th & Alvo Substation - 075029000258 - 2010/2011 FINAL

Group: Substation

Program: (None)

Description: Build a new 115-12kV substation near 120th & Alvo Road. This substation will replace a smaller 35- 12kV substation and provide additional capacity for continued growth in 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 substation.

Comp Plan Conformance: Generally Conforms with Plan

Anticipated Date In Service: 05/01/2017

Rating: C

Status:Continued

Prior Appropriations

Six Year Total

Costs Beyond

Project Total

\$0.0

\$3,378.0

\$636.0

\$0.0

Appropriations

2010/2011

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

Lincoln Electric System					\$300.0	\$3,078.0
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Estimated Cost by Activity

2010/2011

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

Construction					X	X
Other					X	X

0073 - O:Transformers & Meters - 075030000073 - 2010/2011 FINAL

Group: Overhead Distribution

Program: (None)

Description: We will install approximately 10,000 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 \$____,000,000 for the transition to AMI.

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

\$62,131.0

\$0.0

\$0.0

Appropriations

2010/2011

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

Lincoln Electric System	\$4,837.0	\$9,557.0	\$10,390.0	\$10,313.0	\$11,303.0	\$15,731.0
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Estimated Cost by Activity

2010/2011

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

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

0074 - O:Extensions - 075030000074 - 2010/2011 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

\$1,389.0

\$0.0

\$0.0

Appropriations

2010/2011

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

Lincoln Electric System	\$216.0	\$222.0	\$228.0	\$234.0	\$241.0	\$248.0
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Estimated Cost by Activity

2010/2011

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

Construction	X	X	X	X	X	X
Other	X	X	X	X	X	X

0077 - O:Rebuilds - 075030000077 - 2010/2011 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

\$7,198.0

\$0.0

\$0.0

Appropriations

2010/2011

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

Lincoln Electric System	\$1,049.0	\$1,128.0	\$1,189.0	\$1,236.0	\$1,277.0	\$1,319.0
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Estimated Cost by Activity

2010/2011

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

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 - 2010/2011 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: B

Status:Ongoing

Prior Appropriations

\$0.0

Six Year Total

\$2,644.0

Costs Beyond

\$0.0

Project Total

\$0.0

Appropriations

2010/2011 2011/2012 2012/2013 2013/2014 2014/2015 2015/2016

Lincoln Electric System	\$682.0	\$513.0	\$754.0	\$219.0	\$235.0	\$241.0
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Estimated Cost by Activity

2010/2011 2011/2012 2012/2013 2013/2014 2014/2015 2015/2016

Construction	X	X	X	X	X	X
Other	X	X	X	X	X	X

0078 - O:Relocations - 075030000078 - 2010/2011 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

\$1,364.0

Costs Beyond

\$0.0

Project Total

\$0.0

Appropriations

2010/2011 2011/2012 2012/2013 2013/2014 2014/2015 2015/2016

Lincoln Electric System	\$213.0	\$218.0	\$224.0	\$230.0	\$236.0	\$243.0
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Estimated Cost by Activity

2010/2011 2011/2012 2012/2013 2013/2014 2014/2015 2015/2016

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 - 2010/2011 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: C

Status:Ongoing

Prior Appropriations
\$0.0

Six Year Total
\$794.0

Costs Beyond
\$0.0

Project Total
\$0.0

Appropriations	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Lincoln Electric System	\$123.0	\$127.0	\$131.0	\$134.0	\$138.0	\$141.0
Estimated Cost by Activity	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Construction	X	X	X	X	X	X
Other	X	X	X	X	X	X

0081 - U:Transformers - 075031000081 - 2010/2011 FINAL

Group: Underground Distribution

Program: (None)

Description: Based on projected customer growth, about 45,000 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
\$0.0

Six Year Total
\$9,584.0

Costs Beyond
\$0.0

Project Total
\$0.0

Appropriations	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Lincoln Electric System	\$1,482.0	\$1,526.0	\$1,572.0	\$1,618.0	\$1,668.0	\$1,718.0
Estimated Cost by Activity	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
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

0082 - U:Extensions - 075031000082 - 2010/2011 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
\$0.0

Six Year Total
\$32,154.0

Costs Beyond
\$0.0

Project Total
\$0.0

Appropriations	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Lincoln Electric System	\$4,970.0	\$5,120.0	\$5,274.0	\$5,432.0	\$5,595.0	\$5,763.0

Estimated Cost by Activity	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Construction	X	X	X	X	X	X
Other	X	X	X	X	X	X

0083 - U:Rebuilds - 075031000083 - 2010/2011 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 1,000 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.

Comp Plan Conformance: Generally Conforms with Plan

Anticipated Date In Service:

Rating: B

Status:Ongoing

Prior Appropriations
\$0.0

Six Year Total
\$12,091.0

Costs Beyond
\$0.0

Project Total
\$0.0

Appropriations	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Lincoln Electric System	\$1,521.0	\$1,826.0	\$2,117.0	\$2,139.0	\$2,208.0	\$2,280.0

Estimated Cost by Activity	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
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 - 2010/2011 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: B

Status:Ongoing

Prior Appropriations
\$0.0

Six Year Total
\$8,634.0

Costs Beyond
\$0.0

Project Total
\$0.0

Appropriations

	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Lincoln Electric System	\$1,700.0	\$1,814.0	\$1,754.0	\$1,090.0	\$1,122.0	\$1,154.0

Estimated Cost by Activity

	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Construction	X	X	X	X	X	X
Other	X	X	X	X	X	X

0085 - U:Relocations - 075031000085 - 2010/2011 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
\$0.0

Six Year Total
\$10,230.0

Costs Beyond
\$0.0

Project Total
\$0.0

Appropriations

	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Lincoln Electric System	\$1,677.0	\$1,638.0	\$1,674.0	\$1,709.0	\$1,747.0	\$1,785.0

Estimated Cost by Activity

	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
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

0070 - W:OH Distribution - Waverly - 075032000070 - 2010/2011 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	\$72.0	\$0.0			\$0.0
Appropriations	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Lincoln Electric System	\$11.0	\$12.0	\$12.0	\$12.0	\$12.0	\$13.0
Estimated Cost by Activity	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Construction	X	X	X	X	X	X
Other	X	X	X	X	X	X

0071 - W:UG Distribution - Waverly - 075032000071 - 2010/2011 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

	Prior Appropriations	Six Year Total	Costs Beyond			Project Total
	\$0.0	\$660.0	\$0.0			\$0.0
Appropriations	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
Lincoln Electric System	\$109.0	\$109.0	\$110.0	\$110.0	\$111.0	\$111.0
Estimated Cost by Activity	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016
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

0072 - W:Street Light - Waverly - 075032000072 - 2010/2011 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: A

Status:Ongoing

Prior Appropriations

Six Year Total

Costs Beyond

Project Total

\$0.0

\$38.0

\$0.0

\$0.0

Appropriations

2010/2011

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

Lincoln Electric System	\$5.0	\$6.0	\$6.0	\$7.0	\$7.0	\$7.0
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Estimated Cost by Activity

2010/2011

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

Construction	X	X	X	X	X	X
Other	X	X	X	X	X	X

0088 - L:Ornamental Lighting Districts - 075033000088 - 2010/2011 FINAL

Group: Street Light

Program: (None)

Description: Ornamental lighting districts (OLD's) provide for lighting new subdivisions of the City of Lincoln. The individual districts pay for these lights. This project provides for field inspection and crew work to make electrical connections in OLD's. These costs are charged to the OLD and paid by customer contributions.

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

\$176.0

\$0.0

\$0.0

Appropriations

2010/2011

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

Lincoln Electric System	\$26.0	\$28.0	\$29.0	\$30.0	\$31.0	\$32.0
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Estimated Cost by Activity

2010/2011

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

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 - 2010/2011 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

\$385.0

\$0.0

\$0.0

Appropriations

2010/2011

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

Lincoln Electric System	\$61.0	\$62.0	\$64.0	\$65.0	\$66.0	\$67.0
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Estimated Cost by Activity

2010/2011

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

Construction	X	X	X	X	X	X
Other	X	X	X	X	X	X

0067 - P:Laramie River Station - 075034000067 - 2010/2011 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: 12/31/2010

Rating: B

Status:Ongoing

Prior Appropriations

Six Year Total

Costs Beyond

Project Total

\$0.0

\$13,586.0

\$0.0

\$0.0

Appropriations

2010/2011

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

Lincoln Electric System	\$2,206.0	\$3,806.0	\$5,256.0	\$1,256.0	\$656.0	\$406.0
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Estimated Cost by Activity

2010/2011

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

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 - 2010/2011 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. Items included in the capital budget include a operator training simulator and upgrades to the recycled ash transport system.

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

\$3,568.0

\$0.0

\$0.0

Appropriations

2010/2011

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

Lincoln Electric System	\$758.0	\$458.0	\$558.0	\$588.0	\$598.0	\$608.0
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Estimated Cost by Activity

2010/2011

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

Construction	X	X	X	X	X	X
Other	X	X	X	X	X	X

0156 - P:Local Generation Capital Projects - 075034000156 - 2010/2011 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

Six Year Total

Costs Beyond

Project Total

\$0.0

\$6,154.0

\$0.0

\$0.0

Appropriations

2010/2011

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

Lincoln Electric System	\$988.0	\$1,017.0	\$1,017.0	\$1,017.0	\$1,045.0	\$1,070.0
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Estimated Cost by Activity

2010/2011

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

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

0157 - P:Misc Env.,Safety,Security - 075034000157 - 2010/2011 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

Six Year Total

Costs Beyond

Project Total

\$0.0

\$3,899.0

\$0.0

\$0.0

Appropriations

2010/2011

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

Lincoln Electric System	\$624.0	\$650.0	\$650.0	\$650.0	\$650.0	\$675.0
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Estimated Cost by Activity

2010/2011

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

Construction	X	X	X	X	X	X
Other	X	X	X	X	X	X

0572 - P: Local Renewable Generating Resource - 105034000572 - 2010/2011 FINAL

Group: Power Supply

Program: (None)

Description: This budget item covers the development of a local renewable energy resource. Resource options being evaluated include solar, wind and biogas. LES' renewable and sustainable energy programs are based on sound business planning and providing the best and least cost options to our customers.

Comp Plan Conformance: Generally Conforms with Plan

Anticipated Date In Service: 12/31/2011

Rating: C

Status:New

Prior Appropriations

Six Year Total

Costs Beyond

Project Total

\$0.0

\$3,680.0

\$0.0

\$0.0

Appropriations

2010/2011

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

Lincoln Electric System	\$3,680.0					
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Estimated Cost by Activity

2010/2011

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

Construction	X					
Other	X					

Summary of Department Projects

* Amounts are in thousands of dollars

Lincoln Electric System

0573 - P:Base Load Resource - 105034000573 - 2010/2011 FINAL

Group: Power Supply

Program: (None)

Description: Future base load generating resource - This project covers a 100 MW share of of a new, high efficiency, supercritical coal fired plant with carbon capture and sequestration. The supercritical boiler design is the most efficient coal combustion technology currently available. The carbon capture and sequestration system is assumed to remove and permanently store over 90% of the CO2 in the exhaust stream. This resource was identified as the least cost option in LES' resource planning model.

Comp Plan Conformance: Generally Conforms with Plan

Anticipated Date In Service: 05/01/2021

Rating: C

Status:New

Prior Appropriations

\$0.0

Six Year Total

\$15,794.0

Costs Beyond

\$475,678.0

Project Total

\$0.0

Appropriations

2010/2011

2011/2012

2012/2013

2013/2014

2014/2015

2015/2016

Lincoln Electric System						\$15,794.0
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Estimated Cost by Activity

2010/2011

2011/2012

2012/2013

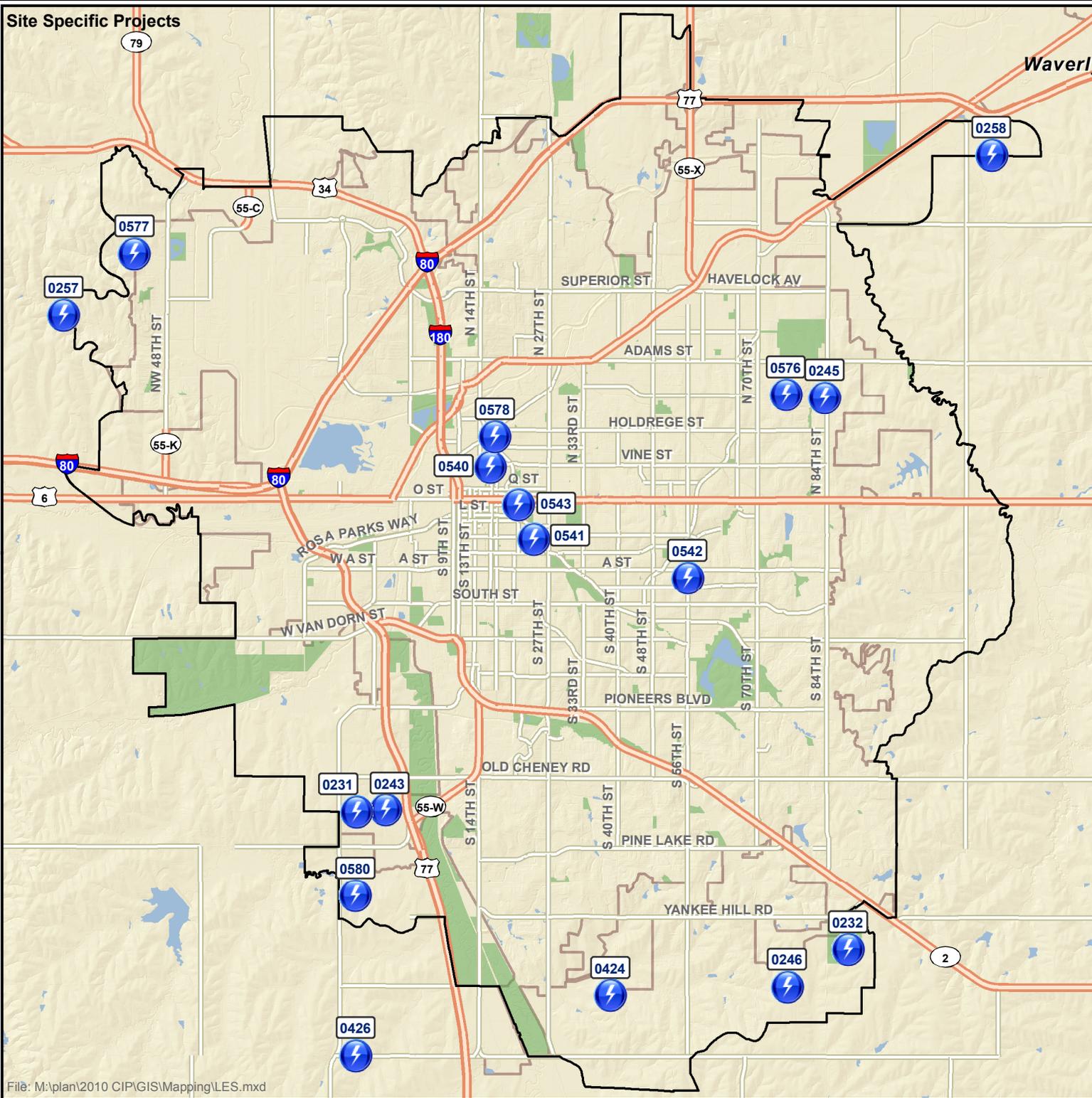
2013/2014

2014/2015

2015/2016

Construction						X
Other						X

Site Specific Projects



Lincoln CIP 2010 - 2016

Lincoln Electric System



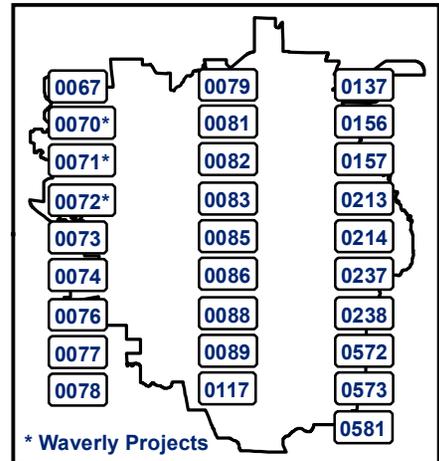
Project Locations



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	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	
0580 G:Data Center/BUCC	\$2,813.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$2,813.0
0581 G:Back Up Data Center	\$1,593.0	\$714.0	\$0.0	\$0.0	\$0.0	\$0.0	\$2,307.0
0231 T:115kV Folsom & Pl. Hill Area	\$790.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$790.0
0117 T:Misc. Construction/Rebuild	\$899.0	\$295.0	\$304.0	\$313.0	\$322.0	\$69.0	\$2,202.0
0213 T:Relocations	\$82.0	\$84.0	\$87.0	\$89.0	\$91.0	\$93.0	\$526.0
0214 T:Right-of-Way/Easements	\$1,621.0	\$735.0	\$880.0	\$546.0	\$676.0	\$1,766.0	\$6,224.0
0576 T:115kV 57th&Garland to 84th & Leighton	\$0.0	\$2,734.0	\$0.0	\$0.0	\$0.0	\$0.0	\$2,734.0
0542 T:30th & A - 56th & Everett 115kV	\$0.0	\$1,411.0	\$1,441.0	\$0.0	\$0.0	\$0.0	\$2,852.0
0424 T:115kV SW7th & Bennet - 40th & Rokeby	\$0.0	\$0.0	\$2,607.0	\$2,555.0	\$0.0	\$0.0	\$5,162.0
0540 T:17th & Holdrege - 21st & N 115kV Line	\$0.0	\$0.0	\$0.0	\$278.0	\$284.0	\$0.0	\$562.0
0541 T:30th & A - 21st & N 115kV Line	\$0.0	\$0.0	\$0.0	\$0.0	\$4,245.0	\$4,336.0	\$8,581.0
0232 T:91 st & Hwy 2-76th & Rokeby Rd 115kV Line	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$1,578.0	\$1,578.0
0243 S:Folsom & Pl Hill Sub	\$300.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$300.0
0237 S:Misc Ongoing Construction	\$3,497.0	\$3,232.0	\$3,647.0	\$1,495.0	\$592.0	\$748.0	\$13,211.0
0238 S:Substation Sites	\$104.0	\$104.0	\$107.0	\$318.0	\$113.0	\$116.0	\$862.0
0578 S:17th&Holdrege Substation	\$2,239.0	\$1,144.0	\$0.0	\$0.0	\$0.0	\$0.0	\$3,383.0
0257 S:NW 70th &Fairfield Substation	\$673.0	\$3,062.0	\$0.0	\$0.0	\$0.0	\$0.0	\$3,735.0
0426 S:115kV SW7th & Bennet Sub	\$0.0	\$305.0	\$1,826.0	\$362.0	\$0.0	\$0.0	\$2,493.0
0543 S:21st & N Substation Expansion	\$0.0	\$0.0	\$155.0	\$3,401.0	\$660.0	\$0.0	\$4,216.0
0245 S:84th & Leighton Transformer #2	\$0.0	\$0.0	\$0.0	\$0.0	\$3,687.0	\$107.0	\$3,794.0
0577 S:NW56th&Morton Substation	\$0.0	\$0.0	\$0.0	\$0.0	\$789.0	\$3,297.0	\$4,086.0
0246 S:76th & Rokeby Substation	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$652.0	\$652.0
0258 S:120th & Alvo Substation	\$0.0	\$0.0	\$0.0	\$0.0	\$300.0	\$3,078.0	\$3,378.0
0074 O:Extensions	\$216.0	\$222.0	\$228.0	\$234.0	\$241.0	\$248.0	\$1,389.0
0073 O:Transformers & Meters	\$4,837.0	\$9,557.0	\$10,390.0	\$10,313.0	\$11,303.0	\$15,731.0	\$62,131.0
0079 O:Major Circuits	\$682.0	\$513.0	\$754.0	\$219.0	\$235.0	\$241.0	\$2,644.0
0077 O:Rebuilds	\$1,049.0	\$1,128.0	\$1,189.0	\$1,236.0	\$1,277.0	\$1,319.0	\$7,198.0
0078 O:Relocations	\$213.0	\$218.0	\$224.0	\$230.0	\$236.0	\$243.0	\$1,364.0
0076 O:Service Area Adjustments	\$123.0	\$127.0	\$131.0	\$134.0	\$138.0	\$141.0	\$794.0
0082 U:Extensions	\$4,970.0	\$5,120.0	\$5,274.0	\$5,432.0	\$5,595.0	\$5,763.0	\$32,154.0
0081 U:Transformers	\$1,482.0	\$1,526.0	\$1,572.0	\$1,618.0	\$1,668.0	\$1,718.0	\$9,584.0
0086 U:Major Circuits	\$1,700.0	\$1,814.0	\$1,754.0	\$1,090.0	\$1,122.0	\$1,154.0	\$8,634.0
0083 U:Rebuilds	\$1,521.0	\$1,826.0	\$2,117.0	\$2,139.0	\$2,208.0	\$2,280.0	\$12,091.0
0085 U:Relocations	\$1,677.0	\$1,638.0	\$1,674.0	\$1,709.0	\$1,747.0	\$1,785.0	\$10,230.0
0070 W:OH Distribution - Waverly	\$11.0	\$12.0	\$12.0	\$12.0	\$12.0	\$13.0	\$72.0

Funding Summary - By Project

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Lincoln Electric System

		2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	
0072	W:Street Light - Waverly	\$5.0	\$6.0	\$6.0	\$7.0	\$7.0	\$7.0	\$38.0
0071	W:UG Distribution - Waverly	\$109.0	\$109.0	\$110.0	\$110.0	\$111.0	\$111.0	\$660.0
0089	L:Misc Ongoing Projects	\$61.0	\$62.0	\$64.0	\$65.0	\$66.0	\$67.0	\$385.0
0088	L:Ornamental Lighting Districts	\$26.0	\$28.0	\$29.0	\$30.0	\$31.0	\$32.0	\$176.0
0067	P:Laramie River Station	\$2,206.0	\$3,806.0	\$5,256.0	\$1,256.0	\$656.0	\$406.0	\$13,586.0
0156	P:Local Generation Capital Projects	\$988.0	\$1,017.0	\$1,017.0	\$1,017.0	\$1,045.0	\$1,070.0	\$6,154.0
0157	P:Misc Env., Safety, Security	\$624.0	\$650.0	\$650.0	\$650.0	\$650.0	\$675.0	\$3,899.0
0137	P:Walter Scott Energy Center #4	\$758.0	\$458.0	\$558.0	\$588.0	\$598.0	\$608.0	\$3,568.0
0572	P: Local Renewable Generating Resource	\$3,680.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$3,680.0
0573	P:Base Load Resource	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$15,794.0	\$15,794.0
Department Total:		\$41,549.0	\$43,657.0	\$44,063.0	\$37,446.0	\$40,705.0	\$65,246.0	\$272,666.0

Funding Sources

Fund Source	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	
Lincoln Electric System	\$41,549.0	\$43,657.0	\$44,063.0	\$37,446.0	\$40,705.0	\$65,246.0	\$272,666.0
	\$41,549.0	\$43,657.0	\$44,063.0	\$37,446.0	\$40,705.0	\$65,246.0	\$272,666.0

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