

Commonwealth Edison Company
MAJOR BLANKET AND BUCKET PROGRAM ADDITIONS TO PLANT IN SERVICE SINCE THE LAST FORMULA RATE UPDATE AND REVENUE REQUIREMENT RECONCILIATION

Line No.	Program Name (A)	ITN (B)	2014 Actual Cost (Millions) (C)	2015 Projected Cost (Millions) (D)	Program Description (E)
Major Blanket Capital Investment Programs					
1	Underground Corrective Maintenance Blanket Programs	Emergency Cable Fault Replacement (ITN 20543) Cable Fault Repair (ITN 10623)	\$75.9	\$65.3	Covers work associated with emergency cable and underground equipment replacement and cable fault repairs throughout the ComEd system. Electric utility distribution systems require ongoing corrective actions to repair and replace underground infrastructure components. These programs ensure the safety and reliability of ComEd's distribution system.
2	Overhead Corrective Maintenance Blanket Programs	Overhead Distribution Defect Repairs (ITN 46720) Overhead Non-Emergent Corrective Maintenance (ITN 30422) Substation Corrective Maintenance (ITN 29102) Storm Restoration (ITN 10628) Emergency Pole Replacement (ITN 46717) Non-Priority Pole Reinforcements (ITN 52025)	\$101.0	\$99.2	Includes numerous discrete tasks, such as replacing poles, overhead transformers, wire, fuses, connectors, brackets, braces and arresters.
3	New Business Installation Blanket Programs	Inside Chicago Baseline (ITN 5968) Outside Chicago Baseline (ITN 5972) City Residential (ITN 49460) City Commercial (ITN 49461) Suburban Residential (ITN 49462) Suburban Commercial (ITN 49463)	\$90.7	\$97.9	Provide new services for both commercial and residential customers. Includes both overhead and underground services outside Chicago and new overhead services in Chicago. These are the largest blanket programs in this category.
4	System Performance Blanket Programs	1% Worst Performing Circuit Program (ITN 11161) Customer Target Program (ITN 5066) Regional Reliability Improvements (ITNs 30752 Chicago, 30753 North, 30754 South, 29238 West) Device Frequency Program (ITN 33373) Install Distribution Sectionalizing Devices (ITN 4928) Chronic Performing Circuits Program (ITN 33992) Defined Circuit Improvements (ITN 6053) Pocket Reliability (ITN 47013) NERC CIP V5 (ITN 51000 and 51118)	\$9.4	\$40.4	System performance work is to reduce the frequency -- and, to a lesser extent, the duration -- of customer interruptions. ComEd, like many other utilities, measures and tracks the frequency of interruptions closely through the System Average Interruption Frequency Index ("SAIFI"), one objective measure of the reliability of the system.
5	Capacity Expansion Blanket Programs	Capacity Expansion Baseline Work blanket program (ITN 29335)	\$3.1	\$6.5	Involves capacity work related to ComEd's practice of forecasting the summer peak load, projecting if equipment or cable overloads may occur, and then investing in the necessary infrastructure to prevent projected overloads and avoid potential power interruptions to customers.
6	Facility Relocation Blanket Programs	Actual Facility Relocation 2013 Programs: State (ITN 5048), County (ITN 5049), Chicago (ITN 5050), Municipal outside Chicago (ITN 5051), Township (ITN 5052) Projected Facility Relocation 2014 Program: Projects not expected to exceed \$100,000 (ITN 19262)	\$9.4	\$15.1	Involves relocating distribution infrastructure when a governmental entity (municipality, county, or state agency) decides to undertake a public improvement project. Projects are not expected to exceed \$100,000.
7	Distribution Transformer Corrective Maintenance Blanket Programs	Distribution Transformers Corrective Maintenance (ITN 5346) CE Distrib Transformers-Capacity Expansion (ITN 24142) CE Distrib Transformers-New Business (ITN 24143) CE Distrib Transformers-System Performance (ITN 24144)	\$35.0	\$34.4	Involves the purchase of new transformers to replace failed or obsolete transformers and for new installations. ComEd purchases distribution transformers to maintain safe, reliable service to ComEd customers, as well as to meet system reinforcement and additional capacity requirements
8	Emergency Transformer Repair and Replacement Program	Emergency Transformer Repair and Replacement Program (ITN 46718)	\$14.1	\$11.0	Involves the transformer repairs and replacements that are required on an emergent basis to maintain service to our customers.

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9	Fleet Vehicles Blanket Program	Fleet Vehicles Blanket Program (ITN 21402)	\$61.5	\$25.7	Involves the purchase of vehicles required to conduct ComEd's delivery business. ComEd's vehicles include light to heavy duty trucks, such as aerial lifts to perform overhead work, light duty support vehicles such as pickup trucks, SUVs, trailers, and tools/mobile equipment.
10	Grid Resiliency Program	Grid Resiliency (ITN 49779) Chicago Airports Reliability Grid Resiliency program (ITN 51293) System Durability 2015 (ITN 51746)	\$2.4	\$36.3	Involves the work designed to improve the distribution system with a focus on customers experiencing multiple interruptions and extended duration interruptions
11	Spare Transformers >10MVA (HVD Class) West Program	Spare Transformers >10MVA (HVD Class) West Program (ITN 29259)	\$10.9	\$14.5	This program is designed to procure, store and maintain distribution size spare transformers (classified as >10MVA to 75MVA) that can be placed into service in an expeditious manner as necessary to support ComEd distribution system reliability. Maintaining spare transformers reduces the risk involved with the long lead time needed to manufacture and transport these types of transformers to where they are needed.
12	Distribution System Modernization	Pothead Replacement (ITN 47495) 4 to 12 Conversions (ITN 47508) Feeders with No Ties (ITN 47501) Phase Out Industrial Loop Feeders (ITN 47504) Line Clearances (ITN 50089) ATO Modernization (ITN 47497) 34kV Pole Top Switch Replacement (ITN 47491) 34 kV N-1 (ITN 48427) Switching Table Replacement (ITN 47496)	\$0.1	\$21.2	This Program is designed to improve the distribution system to absorb stresses in weather conditions, reduce reliability concerns, and improve system operability through modernization.
13	ComEd Cust Fid Ops F&MS Capital	Cust Fid Ops F&MS Capital (ITN 35994)	\$8.7	\$8.9	Involves the purchase of meters for the purpose of exchanges, new business installations, and to fulfill regulatory requirements (periodic exchanges).
14	ComEd Capital Tools and Repair	Capital Tools and Repair (ITN 5494)	\$10.3	\$6.3	Involves the purchase of tools that meet the following criteria (must fulfill all 3 requirements): 1) Cost exceeds \$500 per unit, 2) Must be portable, and 3) Useful life exceeds 1 year. (Examples are hydraulic impact wrenches (~\$600 to \$2000 per unit), voltage detectors (~\$600 per unit), and hydraulic connector press (~\$2000 + per unit).
15	Underground Hardening	Underground Resiliency 2015 (ITN 51744) Reduce Number of Stops on Y Joint Taps (ITN 47502) HVD Install Cathodic Protection system & Remote Monitoring Units (Capital) (ITN 49744) HVD Pipe Conduit Coating Reinforcement (Capital) (ITN 49742)	\$1.0	\$18.2	This program is designed to improve the reliability and reduce pipe leaks due to corrosion on the HPFF cable systems. The program includes pipe coating defect repairs, replacement of corrosion protection on pipe and casings, replacement of cathodic protection systems and installation of remote monitoring equipment.
16	Overhead Hardening	Overhead Resiliency 2015 (ITN 51745) Overhead Resiliency (ITN 51196) 138 kV Radial Pole Replacement (ITN 49740)	\$6.3	\$15.1	This program is designed to reduce exposure to extended outages for stations serviced by radial wood structures, improve reliability of aged/ poor performing switches and reduce exposure to wire down over interstate highways.
17	Substation Resiliency	Roofing Replacement - Capital (ITN 50132) Sump Pump replacements (ITN 50134) Flood Prevention Capital (ITN 50131) Wildlife protection (ITN 50111) Replace 4/12/34 kV Oil Circuit Breakers - PRC 3/17 (ITN 47456) Small Power Transformers <10MVA (ITN 47454) Substation Resiliency CB Replacement (ITN 50108) Recloser Replacements W. Breaker - PRC 3/12/15 (ITN 52108) Cap and Pin Disc Replace (ITN 50110), (ITN 50112)	\$0.4	\$14.2	This program is designed to reduce the risk of a large scale substation event though projects aimed at minimizing impacts from flooding, enhancing grounding systems to improve lightning performance, installing wildlife protection, and addressing substation building structural concerns.

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Major Bucket Capital Investment Programs ⁽¹⁾					
A	Capacity Expansion Projects between \$100,000 and \$5 million	Capacity Expansion Projects between \$100,000 and \$5 million (ITN 16542)	\$0.00	\$5.4	Multiple capacity expansion projects are planned through this ITN for capacity expansion projects between \$100,000 and \$5 million.
B	Facility Relocation Projects over \$100,000 Regionally Managed	Facility Relocation Projects over \$100,000 Regionally Managed (ITN 19742)	\$0.00	\$21.8	Multiple facility relocation projects are planned through this ITN for facility relocation projects over \$100,000 that are regionally managed.
C	New Business projects	New Business projects (ITN 10638)	\$0.00	\$15.2	Multiple New Business projects are planned through this ITN.
D	Information Technology Program	Replace Analog SCADA Circuits (ITN 49900) Analog SCADA Circuit Replacement (ITN 51230) SCADA ANALOGS (ITN 50063)	\$0.0	\$13.1	Involves the conversion from leased line analog circuits to support SCADA, Class A Teleprotection, Fire Alarm, Burglar Panel Alarms, and other voice lines to fiber optic and microwave systems. The carriers supporting these analog lines have announced and submitted to the Federal Communications Commission their plans to retire support for these circuits in the next 3 to 5 years (expected to begin in 2016).

⁽¹⁾ ITNs classified as "bucket" ITNs are used to plan for work that is expected, but has not yet been assigned a unique project ITN. "Bucket" ITNs are used to plan for unique projects whose cost is expected to exceed \$100,000. When the scope of specific projects is developed and appropriately authorized, those projects become unique projects and the funding for them is transferred from the associated bucket project ITN to the new unique project ITN. Because the dollars budgeted through bucket ITNs are transferred to new unique ITNs throughout the year, bucket ITNs have zero actual investment dollars at year end.