

Commonwealth Edison Company
LARGE PLANT ADDITIONS TO PLANT IN SERVICE SINCE THE LAST FORMULA RATE UPDATE AND REVENUE REQUIREMENT RECONCILIATION

Line No.	Description of Addition (A)	Project Start Date ⁽¹⁾ (B)	Project Completion Date (C)	Completion Cost (millions of Dollars) (D)	Reason for the Project (E)	Alternatives Considered and Reasons for Rejecting Each (F)	List of Reports Relied Upon by Management when Deciding to Pursue the Addition (G)
1	Northern Region New HQ Bldg ITN 47042	1/1/2012	1/10/2013 ⁽²⁾	\$8.4	This real estate project to purchase and renovate a HQ building was necessary due to the lease expiring with no option for extension. The lease expired in June 2013.	<ul style="list-style-type: none"> • Alt 1: Extend the current lease. • Alt 2: Relocate to alternative properties. <i>Alt 1 was rejected because the owner of the building did not wish to renew the lease.</i> <i>Alt 2 was rejected because it was not the least cost alternative.</i>	<ul style="list-style-type: none"> • PowerPoint (7/05/12): Project Authorization Overview • PowerPoint (5/07/13): Project Authorization Overview
2	TSS31 Galewood Upgrade TR 71 & TR 73 ITN 46738	2/10/2012	6/1/2013 ⁽²⁾	\$8.0	Galewood Substation was projected to be above the allowable capacity at 101.4% of allowable capacity in 2013 and 105% in 2014. Project was needed to upgrade two transformers to maintain area load growth.	<ul style="list-style-type: none"> • Alt 1: Add new 12kV Bus and replace four transformers at Galewood from 2015-2016 • Alt 2: Add new 12kV Bus support with feeders from Natoma then replace two transformers at Galewood in 2015 <i>Alt 1 was rejected because it represented a higher cost solution while not providing additional benefit.</i> <i>Alt 2 was rejected because it represented a higher cost solution while not providing additional benefit.</i>	<ul style="list-style-type: none"> • PowerPoint (3/07/12): Project Authorization Overview • PowerPoint (5/29/12): Project Authorization Overview • PowerPoint (8/07/12): Project Authorization Overview
3	TDC391 Argyle Substation Install 2nd 40MVA TR Dist ITN 41456 & 48238	2/15/2012	6/7/2013 ⁽²⁾	\$7.8	2013 load at the Argyle Substation would have been: 104% of the allowable rating on TR71; 109% on one feeder; and 101% on another feeder. To maintain reliable service, ComEd needed to add feeders and transformer to meet the load growth in the area.	<ul style="list-style-type: none"> • Alt 1: Add third transformer and expand 12kV Bus at Rockford Substation • Alt 2: Install new feeder from Harlem Substation and Sand Park Substation <i>Alt 1 was rejected because it was not near the load growth area of Loves Park and it was a higher cost alternative.</i> <i>Alt 2 was rejected because it was not near the load growth area of Loves Park and it was a higher cost alternative.</i>	<ul style="list-style-type: none"> • PowerPoint (3/07/12): Project Authorization Overview • PowerPoint (6/07/12): Project Authorization Overview • PowerPoint (8/07/12): Project Authorization Overview • PowerPoint (1/08/13): Project Authorization Overview • PowerPoint (11/21/13): Project Authorization Overview
4	TSS111 - Electric Jct. (2nd 40 TR) ITN 29340	2/17/2012	6/1/2013 ⁽²⁾	\$5.9	In order to provide appropriate substation level transformer redundancy to serve new customers and future growth a second transformer was installed at TSS111.	<ul style="list-style-type: none"> • Alt 1: Install new substation near Butterfield and Prairie Path • Alt 2: Replace two 20 MVA transformers at TSS56 North Aurora with 2 40 MVA transformers <i>Alt 1 was rejected because it was not the least cost alternative.</i> <i>Alt 2 was rejected because it represented a higher cost solution while not providing additional benefit.</i>	<ul style="list-style-type: none"> • PowerPoint (3/07/12): Project Authorization Overview • PowerPoint (7/10/12): Project Authorization Overview • PowerPoint (8/07/12): Project Authorization Overview • PowerPoint (1/08/13): Project Authorization Overview
5	TSS111 EJ Dist Conduit North ITN 47648	2/22/2012	12/31/2014 ⁽³⁾	\$5.9 ⁽⁴⁾	The conduit system was required to accommodate the new feeders at TSS111 to be served by the 2nd transformer installed in 2013 and would circumvent obstacles such as IDOT roadways, railroads, Illinois Prairie Path and I-88 Tollway.	<ul style="list-style-type: none"> • Alt 1: Defer the installation of conduit system to a later date • Alt 2: Do nothing <i>Alt 1 was rejected because it represented a higher cost solution (synergy installing conduit and transformer at the same time).</i> <i>Alt 2 was rejected because the conduit was required to fully utilize the transformer installed (ITN 29340) and future feeders.</i>	<ul style="list-style-type: none"> • PowerPoint (3/07/12): Project Authorization Overview • PowerPoint (3/15/13): Project Authorization Overview
6	1747 N. Springfield - Pump Station Upgrade ITN 41676	7/1/2010	8/30/2014 ⁽³⁾	\$5.6 ⁽⁴⁾	The Chicago Department of Water Management converted the Springfield Avenue Pump Station to an electrically operated station fed from two substations. The electrical retrofit will increase the reliability of the pump station and decrease the operating costs.	<ul style="list-style-type: none"> • Alt 1: Customer originally requested express lines from both stations. <i>Alt 1 was rejected because it represented a higher cost solution while not providing additional benefit.</i>	<ul style="list-style-type: none"> • PowerPoint (7/08/10): Project Authorization Overview • PowerPoint (10/25/12): Project Authorization Overview • PowerPoint (4/25/13): Project Authorization Overview

Notes:
 (1) Date project opened in accounting for planning purposes
 (2) Accounting in-service date
 (3) Estimated construction in-service date
 (4) Projected cost

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7	IDOT Circle Interchange Harrison Bridge WEST ITN 48938	3/1/2013	11/1/2014 ⁽³⁾	\$5.4 ⁽⁴⁾	The Circle Interchange is consistently ranked in the top three traffic bottlenecks in the country. It is the cause of thousands of traffic accidents and daily traffic delays. ComEd is relocating service to allow the bridge to be rebuilt.	<ul style="list-style-type: none"> • Alt 1: ComEd considered supporting the existing duct package in place while the bridge contractor demolished & rebuilt the bridge. • <i>Alt 1 was rejected because of the elevation differences and worker safety while the bridge work was in progress.</i> 	<ul style="list-style-type: none"> • PowerPoint (8/08/13): Project Authorization Overview • PowerPoint (10/10/13): Project Authorization Overview
8	New Business Customer Project ITN 49436	4/15/2013	7/1/2014 ⁽³⁾	\$5.2 ⁽⁴⁾	Customer requested service to serve the 3.2 MW load. It was determined that it would be necessary to extend the 34 kV line to the customer's facility. The closest (and only) 34 kV line was 6 miles away from the site.	Several routes were considered with the customer selecting the route with the least amount of new easement to be acquired.	<ul style="list-style-type: none"> • PowerPoint (8/08/13): Project Authorization Overview • PowerPoint (12/06/13): Project Authorization Overview

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