Reports
05-S-1376
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February 27, 2008

VIA OVERNIGHT MAIL

Honorable Jaclyn A. Brilling
Secretary
State of New York
Public Service Commission
Three Empire State Plaza
Albany, New York 12223-1350

Re: Case 05-S-1376 – Proceeding on Motion of the Commission as to the Rates, Charges, Rules and Regulations of Consolidated Edison Company of New York, Inc. for Steam Service.

Dear Secretary Brilling:

The Commission's Order Determining Revenue Requirement and Rate Design, issued on September 22, 2006 in the above-referenced proceeding, provides that the Company will file: (1) an annual report on plant availability for each steam production unit for winter and summer periods; (2) an annual report on steam capital expenditures; and (3) an annual report on steam operation and maintenance expenditures.

Enclosed please find an original and five copies of these reports. Please contact me if you have any questions regarding this matter.

Very truly yours,

Richard B. Miller

cc: Active Parties (via e-mail)

Availability for All Con Edison Boilers for the 2007 Winter and Summer Periods

Station	Unit	Winter Period 2007 Availability	Summer Period 2007 Availability
East River	B-10	91.2	77.3
	B-20	93.4	86.0
	B-60	46.4	81.0
	B-70	81.7	74.1
	B-115	86.9	68.2
	B-116	98.6	33.6
	B-117	99.0	75.2
	B-118	99.1	77.4
	B-119	96.4	78.2
	East River Station	88.1	72.3
Hudson Ave	B-71	98.1	64.4
	B-72	94.1	67.7
	B-81	97.7	74.4
	B-82	97.8	56.7
	Hudson Ave Station	96.9	65.8
59th Street	B-114	81.3	83.9
	B-115	80.9	81.3
	B-116	81.4	97.3
	B-117	81.2	81 3
	B-118	72.5	97.8
	59th Street Station	79.4	88.3
74th Street	B-120	86.6	90.9
	B-121	86.0	91.8
	B-122	85.6	83.3
	B-1	90.9	58.0
	B-2	90.3	57.3
	B-3	90.5	55.7
	B-4	91.0	56.7
	B-5	91.0	57.3
	B-6	91.0	57.5
	74th Street Station	89.2	67.6
60th Street	B-1	92.4	90.7
	B-2	92.3	90 9
	B-3	92.4	86.9
	B-4	92.2	90.0
	B-5	91.3	90.0
	B-6	92.4	89.8
	60th Street Station	92.2	89.7
Ravenswood Steam	B-1	93.8	82.8
	B-2	93.8	90.4
	B-4	93.0	95.1
	Ravenswood Steam Station	93.5	89.4

Notes:
Winter Period = 1/1/07 - 4/30/07 and 11/1/07 - 12/31/07
Summer Period = 5/1/07 - 10/31/07
Availability = Available Hours / Period Hours
(a boiler on Reserve Shutdown is considered available)

Case 05-S-1376

Steam Production Capital Programs and Projects Report

(000's)

	2007 Forecast	2007 Actual	If a Project, is it complete and in service - Y or N?	FOR ALL PROJECTS: provide total cost to date (through 2007)	Explanations for Variations greater than 15%	Project Status
Security						
Security Initiatives (Various locations)	2,900	2,733	N	2,756		To be completed in 2008
Total Security	2,900	2,733				
EH&S						
Various Locations - EH&S Emergent Work	50	40				
Upgrade CEMS Opacity Analyzer Equipment (Ravenswood)	200	30	N	30	Long lead equipment purchased only--installation postponed to 2008.	To be completed in 2008
Spill Containment - Secondary Containment (74th St)	300	585	N	937	After extensive analysis, the scope of this project has been determined to be greater than originally planned.	To be completed in 2008
Installation of PA System (ERRP)	-	751	Y	751	New project. See Attachment SP.	Project complete - in service
Emergency Public Address System (East River)	100	95	Y	392		Project complete - in service
Total EH&S	650	1,601				
Boilers						
Feedwater System Upgrade (Deaerator, BFPs, Piping (Hudson Ave)	2,100	2,303	Y	11,148		Project complete - in service
Upgrade LP Ignitors (Kerosene, 24 Guns, BMS) (Hudson Ave)	50	63	Y	1,761	Replaced ignitors on low pressure boiler; additional isolation valve and piping required due to pressure fluctuations at burner front.	Project complete - in service
Retube Boiler #3 (Ravenswood)	1,000	1,993	Y	1,993	Once project commenced and NDE was performed, additional refractory work was determined to be required and additional tubes were found inadequate.	Project complete - in service
Corrosion Control Upgrades (East River)	-	310	N	310	New project. See Attachment SP.	To be completed in 2009
PB Modifications (East River)	-	148	N	148	New project. See Attachment SP.	To be completed in 2008
Other	-	(368)				
Total Boilers	3,150	4,449				
Control Systems						
Modernize PB Controls (74th St)	3,100	3,435	Y	5,061		Project complete - in service
PB Drum Level Instrumentation Upgrade (74th St)	480	18	N	18	Project put on hold pending results of 60th St Drum Level instrumentation project.	Project on hold
Drum Level Instrumentation - 60th St (74th St)	100	110	Y	497		Project complete - in service
Elevator Controls (74th St)	100	-	N		Project under review for potential increased scope and costs.	Project on hold
CCR Upgrade (East River)	400	-	N		Project postponed to 2009 to accommodate higher priority projects.	To be completed in 2009
Network Vault Indication (East River)	-	201	N	201	New project. See Attachment SP.	To be completed in 2008.
New LPBH Controls (Hudson Ave)	800	1,181	Y	2,372	Additional controller modules and cabinet heaters were installed due to impact of extreme temperature variations on equipment.	Project complete - in service
Install New BMS - Annex Boilers (59th St)	1,700	857	N	857	Construction postponed to 2008. Material purchased in 2007.	To be completed in 2008
Chemical Monitoring System (59th St)	75	145	Y	875	Carryover from 2006.	Project complete - in service
Install Radio System (59th St)	-	213	N	213	New project. See Attachment SP.	To be completed in 2008.
Upgrade Controls (Ravenswood)	-	539	N	539	New project. See Attachment SP.	To be completed in 2008
Install City Water Regulator (Ravenswood)	-	(335)	Y	114	Carryover from 2006. Reclassification of incorrect charges.	Project complete - in service
Various Locations - IT Initiatives	1,065	601	On-going		Includes various projects; two projects (hand-held work management and voice recording projects) postponed to 2008 to accommodate higher priority projects.	
Other	-	18				
Total Control Systems	7,820	6,983				
Mechanical Equipment Replacement						
Various Locations - Mechanical Equipment Replacement Emergent Work	1,130	1,297				
Microturbine Installation (74th St)	450	782	Y	1,348	Design modifications required to support various station operating conditions.	Project complete - in service
HP Cooling Water Pump and Tank (74th St)	300	294	Y	294		Project complete - in service
122 HP Preheater Baskets (74th St)	450	424	Y	424		Project complete - in service
Installation of Water Treatment Equipment (74th St)	4,000	3,404	N	3,404		To be completed in 2009
Replace Butterfly Desuperheater (74th St)	60	-	N		Long lead equipment delivered late in 2007--installation to be completed in 2008.	To be completed in 2008
PB Treated Water Duplex Strainer (74th St)	75	28	Y	78	Less labor required to complete project than originally estimated.	Project complete - in service
Feedwater Piping Upgrade (East River)	1,060	1,155	Y	1,171		Project complete - in service
Replacement of Air Compressors (East River)	150	110	Y	591	Long lead equipment was delivered late in 2006, earlier than originally planned.	Project complete - in service
Water Treatment PLC Upgrades (East River)	750	747	Y	747		Project complete - in service
Install Closed Cooling System for Air Compressors and ID (Hudson Ave)	550	575	Y	635		Project complete - in service
MSSO = M1-M4 A/B Valves, MOVs and Desup Valves and Steam Temp Control (Hudson Ave)	200	126	Y	683	When valves were opened for inspection, the damage was not sufficient to warrant replacement of all valves. Some valves were repaired as needed, and only valves requiring replacement for significant damage were replaced.	Project complete - in service
Demin Deaerator Restoration (Hudson Ave)	350	697	Y	697	Temperature monitoring installed to prevent freezing of exposed piping and instrumentation during winter, which would cause loss of control of boiler operation.	Project complete - in service
Verizon Conduit Installation (Hudson Ave)	50	9	Y	441	Verizon bore some costs for this project because some of the conduit and cable is owned by Verizon, which reduced the Company's costs.	Project complete - in service.
Upgrade/Replace Fire Pump and Standpipe System (Hudson Ave)	1,500	3,614	N	3,614	Standpipe replacement schedule accelerated to ensure system was operational as quickly as possible.	To be completed in 2008
Water Supply Piping and Pump (Hudson Ave)	-	356	Y	513	Carryover from 2006.	Project complete - in service
Install Water Piping (Hudson Ave)	-	129	Y	129	New project. See Attachment SP.	Project complete - in service
4 BFP and Turbine Replacement (Ravenswood)	200	15	N	2,212	Long lead equipment delivered late in 2007--installation requires an outage and is now scheduled for Spring 2008.	To be completed in 2008
Installation of Water Treatment Equipment (59th St)	4,000	2,747	N	5,378	Material only purchased in 2007. Construction delayed to accommodate 74th St demin project planned to be completed before this project.	To be completed in 2010
Steam Sendout Piping Enhancement (59th St)	500	985	N	2,379	Additional scope due to continuing issues with the pipe.	To be completed in 2008
Deaerator #5 (59th St)	500	465	Y	465		Project complete - in service
Treated Water Piping (59th St)	200	269	Y	269	Project required two outage periods which increased the cost of the project.	Project complete - in service
Mud Drum Heating Coils (59th St)	250	254	N	254		To be completed in 2008
Tunnel Sump Pumps (59th St)	100	60	N	60	Project will continue into 2008 due to the required completion of punchlist items.	To be completed in 2008
Close Loop Cooling Piping Replacement (59th St)	30	17	Y	560	Carryover from 2006.	Project complete - in service
Total Mechanical Equipment Replacement	16,865	18,579				
Electrical Equipment						
Replace 13.8kv GE Magnablast Breakers Due to D-222 Fire (74th St)	200	402	N	733	Construction postponed to 2008. Equipment purchases only.	To be completed in 2008
Back-up Power (74th St)	200	-	N		Project put on hold pending review.	Project on hold.
ID Fan Upgrades - Pole Changers and Bearing Monitoring System (Hudson Ave)	600	(12)	N	369	Two ID fan polechangers purchased in late 2006--installation postponed to spring of 2008.	To be completed in 2009
Install FD Fan Starters (Hudson Ave)	250	(7)	N	626	Work scope modified to re-use motor starters from retired boiler feed pumps resulting in reduced cost; did not purchase two additional motor starters.	To be completed in 2008
Upgrade 208/480 AC Systems and BATs (Hudson Ave)	300	4	N	4	Project placed on hold pending decision related to Hudson Ave Repowering project.	Project on hold.
B Board (Hudson Ave)	50	(18)	Y	782	Carryover from 2006.	Project complete - in service
Replace Battery Bank (Hudson Ave)	-	133	Y	287	Carryover from 2006.	Project complete - in service
Various Lighting Upgrades (East River)	-	154	Y	568	Carryover from 2006.	Project complete - in service
Replace Batteries and Rectifiers (59th St)	350	95	Y	95	Contractor costs were lower than originally estimated.	Project complete - in service
Replace UPS (59th St)	150	-	N		Project postponed to 2008 to accommodate higher priority projects.	Project on hold
Switchgear Upgrade (59th St)	10	26	Y	410	Carryover from 2006.	Project complete - in service
Other	-	104				
Total Electrical Equipment	2,110	881				
Structures						
Install Jib Cranes (East River)	260	402	N	607	Project construction done over multiple unit outages, resulting in higher costs than originally estimated.	To be completed in 2008
Exit Egress (East River)	3,000	1,396	N	1,396	Portion of project postponed to 2008 to accommodate higher priority projects.	To be completed in 2008
Install Roll-up Door (East River)	-	239	N	239	New project. See Attachment SP.	To be completed in 2008
Structural Steel and Concrete (74th St)	1,270	-	N		Project postponed to 2008/2009 to accommodate higher priority projects.	To be completed in 2009
Concrete/Steel Upgrade - Phase 3 (Hudson Ave)	500	1,515	N	1,515	Additional spalling concrete discovered that required repair and some lower priority projects developed into higher priority projects.	To be completed in 2008
Service Platforms (Hudson Ave)	-	590	Y	590	New project. See Attachment SP.	Project complete - in service
Install New Jib Crane and Hoist on Third Floor (59th St)	-	427	Y	447	New project. See Attachment SP.	Project complete - in service
Other		311				
Total Structures	5,030	4,880				
Waterfront						
Dock and Tunnel Enhancements (74th St)	800	626	N	626	Project put on hold due to environmental concerns. Planned to re-commence in March 2008.	To be completed in 2008
Refurbish Dock and Bulkhead (59th St)	7,500	3,373	N	3,909	Project divided into different phases for construction. Balance of construction will be completed in 2008.	To be completed in 2008
Other	-	(49)				
Total Waterfront	8,300	3,950				
Roofs						
Replace LPBH Roof (Hudson Ave)	1,500	1,174	Y	1,174	Only low pressure boiler house roof replaced.	Project complete - in service
Repair/Replace Station Roofs (59th St)	1,000	364	N	364	Construction partially delayed into 2008 due to weather constraints.	To be completed in 2008.
Roof Replacement (Ravenswood)	50	8	Y	427	Majority of construction completed in 2006.	Project complete - in service
Other	-	48				
Total Roofs	2,550	1,594				
Total Steam Production Capital Programs and Projects	49,365	45,550				

Case 05-S-1376

Steam Production Capital Programs and Projects Report

(000's)

	2008 Forecast
Security	
Security Initiatives (74th St)	425
Security Initiatives (East River South)	1,125
Security Initiatives (Hudson Ave)	275
Total Security	**1,825**
EH&S	
Various Locations - EH&S Emergent Work	400
PB CO2 Waste Neutralization System (74th St)	200
Total EH&S	**600**
Control Systems	
Various Locations - Control Systems Emergent Work	400
Central Control Room Upgrade (East River South)	-
Drum Level Modification (East River South)	700
Upgrade Controls (Ravenswood)	350
Upgrade Combustion Controls (Hudson Ave)	700
Install New Burner Management System - Annex Boilers (59th St)	5,900
Various Locations - Additional RTUs and Telemetrics for New Steam EMS	250
IT Initiatives	1,445
Total Control Systems	**9,745**
Boilers	
PB Air Preheater Improvement/Upgrade Program (74th St)	200
PB Air Preheater Improvement/Upgrade Program (60th St)	255
Purchase of Spare Transformer (ERRP)	2,000
Total Boilers	**2,455**
Mechanical Equipment Replacement	
Various Locations - Mechanical Equipment Replacement Emergent Work	500
Demin Plant (74th St)	10,000
Catskill City Water Main Installation (74th St)	500
Boiler Chemistry Upgrade (HP Drum Chemical Injection) (74th St)	900
Raw Water and Desuperheater System Reconfiguration (74th St)	3,700
Upgrade/Replace Fire Pump and Standpipe System (Hudson Ave)	2,500
Demin Deaerator Restoration (Hudson Ave)	80
Replace Air Compressors (Hudson Ave)	120
Demin Plant (59th St)	5,800
Steam Sendout Pipe Enhancement (59th St)	750
Air Heater Baskets (59th St)	350
Boiler Feed Pump and Turbine Replacement - Steam Turbine Exhaust Non-return Valves (Ravenswood)	100
Mud Drum Heating Coils (Ravenswood)	750
Chemical Storage - RO/EDI System - (East River 1/2)	1,500
Total Mechanical Equipment Replacement	**27,550**
Electrical Equipment	
Various Locations - Electrical Equipment Emergent Work	425
Replace 13.8kv GE Magnablast Breakers Due to D-222 Fire (74th St)	1,000
24M03 (74th St)	45
Lighting Upgrades (East River 1/2)	200
Install FD Fan Starters (Hudson Ave)	80
ID Fan Upgrades - Pole Changers and Bearing Monitoring System (Hudson Ave)	950
Total Electrical Equipment	**2,700**
Structures	
Exit Egress (East River 1/2)	1,500
Feedwater System Platforms (Hudson Ave)	120
Master Plan Office Relocation/OSHA Evaluation East Side Phase 1 (59th St)	1,175
Total Structures	**2,795**
Waterfront	
Dock Enhancements (74th St)	2,000
Refurbish Dock and Bulkhead (59th St)	1,000
Total Waterfront	**3,000**
Roofs	
Repair/Replace Station Roofs (59th St)	500
Total Roofs	**500**
Total Steam Production Capital Programs and Projects	**51,170**

Attachment SP

PROJECT: 21294-04	INSTALLATION OF PA SYSTEM

Work Description:

Install a new PA system for Units 1 and 2 that will be integrated with the existing system for Units 6 & 7.

Justification:

The existing PA system equipment is obsolete. With the addition of Units 10 and 20, the PA system had to be modified

Completion Date:

2007

Planning And Budgeting:

A total of $751,000 was expended in 2007.

Status:

Project completed in 2007.

Completed Cost Summary

Company Labor	$ 29,000
Construction Contracts	539,000
Materials & Supplies	33,000
Overheads	150,000
Total Cost	$751,000

Attachment SP

PROJECT: 22629-07	Corrosion Control Upgrades

Work Description:

Chemical feed system upgrade; demolition of existing feed system, installation of new feed water re-alkalization and drum phosphate feed systems, and increased continuous blow down capacity for both units 10 & 20. Deaerator storage vessel coating application, both units 10 & 20. Economizer inspection port installation in unit 10 (28 ports) and complete unit 20 (26 ports) including hydro and inspection for monitoring; loops seal installation (3 loop seals) on unit 20 for monitoring; thermocouple installation (71 thermocouples) on unit 20 economizer tubes for monitoring; and skyclimber port installation (7 ports) on unit 20 and complete unit 10 (2 ports) for monitoring.

Justification:

A root cause investigation was performed for Unit 10 economizer failures at East River Station. During this investigation, several issues related to the monitoring and control of cycle chemistry for Units 10 & 20 were uncovered. These issues will contribute to future unit component failures in both HRSG systems.

Both HRSG Units 10 & 20 do not have any means to inspect the internals of the headers and tubes of the economizer modules and evaporator module #5, detect any economizer leaks, monitor the operation of the economizer assemblies, or inspect the external surfaces of the tubes on the inlet of Box 1A & 1B and outlet tubes on Box 4A & 4B. Additionally, there is not sufficient temperature monitoring in the economizer to establish unit operation effects on the feedwater chemistry.

The current control system does not allow for pH control of feedwater system (to protect the economizer) separately from phosphate addition (for evaporator chemical control). The phosphate chemical treatment system for East River Station Units 10 & 20 is not designed to allow separate feedwater and evaporator chemistry control.

Completion Date:

2009

Planning And Budgeting:

A total of $310,000 was expended in 2007.

Status:

Project to be completed in 2009.

Attachment SP

Cost Estimate

Materials & Supplies	$ 290,000
Construction Contracts	830,000
Company Labor	125,000
Other Direct Costs	55,000
Overheads/Contingency	500,000
Total Estimated Cost	$1,800,000

Attachment SP

PROJECT: 22544-07	PB Modifications

Work Description:

This project involves the purchase and installation of a Level-Trac or equivalent water/steam monitoring system, removal of existing level transmitters and installation of three (3) new level transmitters and piping for boilers 115 through 119 individually at the East River South Steam Station (SSS). The modification will provide a local gage glass and independent drum level local and remote level display in the control room. The three (3) level transmitters will allow for median select for control logic and 2/3 logic for drum level high and low trip protection.

Justification:

The East River South Steam Station has recently experienced failures of the drum level control and protection. On January 18, 2005, a level transmitter on boiler 119 failed causing a false priority lower signal to the feedwater regulator, resulting in boiler 119 tripping on low water. On June 11, 2007, there was a significant level deviation between the two drum level transmitters for boiler 116 due to pluggage in the impulse lines to one transmitter. The drum level control did not maintain the level properly because it was using the transmitter which provided a false indication to the DCS. At the same time, the existing protection configured in a 2 out of 2 arrangement to prevent nuisance trips, prevented the boiler from tripping automatically. The lack of a prominent drum level display in the SSS control room impaired the operator's recognition of the evolving situation. This project was initiated as corrective action.

Completion Date:

2008

Planning And Budgeting:

A total of $148,000 was expended in 2007.

Status:

Project to be completed in 2008.

Cost Estimate

Company Labor	$ 34,000
Construction Contracts	235,000
Materials & Supplies	143,000
Overheads/Contingency	166,000
Total Estimate Cost	$578,000

Attachment SP

PROJECT:	Network Vault Indication (New Diesel)

Work Description:

Install a diesel generator and associated switchgear and wiring to provide power to Units 1 and 2 critical loads.

Justification:

Maintain the battery charges on Units 1 and 2 in the event of a blackout to provide rapid restoration of the steam system.

Completion Date:

2008

Planning And Budgeting:

A total of $201,000 was expended in 2007.

Status:

Project to be completed in 2008.

Cost Estimate

Company Labor	$ 70,000
Materials & Supplies	100,000
Construction Contracts	60,000
Other Direct	3,000
Overheads/Contingency	67,000
Total Estimated Cost	$300,000

Attachment SP

PROJECT: 22692-07	Install a Radio System

Work Description:

Install new conduit, cable, and new radio system that have a man-down feature.

Justification:

The communication strength/signal of the radio system at 59th St Station is deficient, and does not allow for clear and concise communication between the control room and various areas of the station, especially the dock. In addition, the current system does not have a man-down safety feature.

Clear and concise communication must be maintained between the board operator in the control room, and operators in various areas of the plant, which is essential to the safe and reliable operation of the plant.

Completion Date:

April 2008

Planning And Budgeting:

A total of $213,000 was expended in 2007.

Status:

Scheduled to be completed April 2008.

Cost Estimate

Company Labor	$150,000
Materials & Supplies	75,000
Overheads/Contingency	75,000
Total Estimated Cost	$300,000

Attachment SP

PROJECT: 21853-05	RAVENSWOOD CONTROLS UPGRADE (WDPF to OVATION)

Work Description:

The proposed scope of work calls for the migration of the existing Westinghouse WDPF controls to Ovation. This migration will consist of new Ovation controllers and associated Ethernet network interface cards installed in the existing DPU cabinets as well as new communication network hardware. The existing Q-Line Input/Output Modules will be utilized for this upgrade. New user interface equipment will consist of the following: Engineer /Domain/Database Server Workstation, Dual Screen Operator Workstation, and eDB Historian Workstation.

Justification:

The existing Westinghouse WDPF DCS is an early 1990's vintage, has significant reliability concerns, and is in need of specific upgrades. Westinghouse has retired this product line and support of this product is being phased out. This system utilizes obsolete IBM Micro-channel architecture, which is no longer supported by Emerson. Spare parts have been very difficult to procure.

Completion Date:

2008

Planning And Budgeting:

A total of $539,000 was expended in 2007 for equipment purchases. The installation will be completed in the first half of 2008.

Status:

Scheduled to be completed June 2008.

Cost Estimate

Company Labor	$ 20,000
Construction Contracts	210,000
Materials & Supplies	500,000
Overheads/Contingency	159,000
Total Estimated Cost	$889,000

Attachment SP

PROJECT: 22698-07	Install New Piping to 5&6 Storage Tank

Work Description:

The work associated with this project was to reroute the 10" suction line of the existing transfer water pumps from the #2 Tank to #5 Tank. This will also require replacement of the steam trap condensate return header to allow flow back to the 5 & 6 Storage Tanks. The demineralized water hose must be rerouted to fill the 5 & 6 Storage Tanks, using an existing level control valve.

Justification:

The 5&6 Storage Tanks are in the active area of the plant and are in better condition. A recent inspection of 1 & 2 Tanks identified heavy corrosion and pitting on all sides. Emergency repairs have been made to #2 Tank but additional leaks developed. The tanks are also located in a remote part of the station.

Completion Date:

2007

Planning And Budgeting:

A total of $129,000 was expended in 2007.

Status:

Complete

Completed Cost Summary

Materials & Supplies	$15,000
Company Labor	77,000
Overheads	37,000
Total Cost	$129,000

Attachment SP

PROJECT: 22271-06	Install Roll Up Door

Work Description:

Remove three existing masonry panels between columns M37 and M38. Design, furnish and install 15' by 25' roll up door and prefabricated masonry panels to fill in the open spaces remaining between the columns.

Justification:

During the Unit 2 outage in 2006 it was determined a second roll up door would greatly facilitate performing maintenance work on the gas turbine.

Completion Date:

2008

Planning And Budgeting:

A total of $239,000 was expended in 2007.

Status:

Project to be completed in 2008.

Cost Estimate

Company Labor	$147,000
Materials & Supplies	88,000
Overheads/Contingency	80,000
Total Estimated Cost	$315,000

Attachment SP

PROJECT: 22369-07	ADDITIONAL SERVICE PLATFORMS FOR FEEDWATER SYSTEM

Work Description:

This project is to provide additional service platforms at various valve locations for the two new deareators recently installed under Feedwater Upgrade 21071-04 at Hudson Avenue Station.

1. Install one new service platform inside the Low pressure Boiler House 21" above the basement floor, south of the new feedwater pumps.

2. Install a new service platform between the two new deareators located on top of the turbine room floor, elev. 137'3" to operate valves located on top of each deareator.

3. Install two new platforms underneath the turbine room floor elev. 137' 3" to service the treated water supply valves, V036, V039, V042 and V043.

4. Install a new stair connecting the two platforms at elevation 176' 4" and 198' 4" inside the Low Pressure Boiler House.

Justification:

These platforms and stairwell must be installed to allow operators to access equipment and make necessary adjustments and repairs, which improves employee safety..

Completion Date:

January 2008

Planning And Budgeting:

A total of $590,000 was expended in 2007.

Status:

To be completed in January 2008.

Cost Estimate

Company Labor	$100,000
Construction Contracts	285,000
Materials & Supplies	125,000
Overheads/Contingency	200,000
Total Estimated Cost	$710,000

Attachment SP

PROJECT: 21060-04 Install New Jib Crane and Hoist on 3rd Floor at 59th St

Work Description:

Install a hoist system (Jib Crane) in the third floor electric equipment room to lift electrical equipment with a maximum load of 250-pounds. The hoist will be electric operated and capable of traveling horizontally on a beam. The hoist will be trolley-mounted in a manner that allows the workers to position the equipment on the dock and lift the equipment to the third floor.

The hoist will have a maximum working capacity of 1,000-pounds. It will be portable and capable of running off a normal 120V outlet.

The structure will be designed for a maximum working capacity of 500-pounds and a tested capacity of 125% (625-pounds).

Justification:

The installation of a Jib Crane with an electric hoist will allow workers to install and/or replace breakers in a safer, more expedient manner by eliminating the need to carry the equipment up and down three flights of stairs while maneuvering it around turns in the stairway. The weight of the equipment ranges from 150 to 250-pounds max.

Completion Date:

February 2008

Planning And Budgeting:

A total of $447,000 was expended through December 2007, with $427,000 expended in 2007.

Status:

Scheduled to be completed in February 2008.

Cost Estimate

Company Labor	$ 25,000
Construction Contracts (Incl Materials)	435,000
Overheads/Contingency	90,000
Total Estimated Cost	$550,000

Case 05-S-1376 – Con Edison 2008 Operations and Maintenance

Budget for Major Categories

	In $000's 2008 Budget
Corrective Maintenance	
Ravenswood	$0
East River	$662
Hudson Avenue	$2,425
59th Street	$1,910
74th Street	$2,645
East River 10/20	$2,203
Total – Steam	$9,845

Typically, Corrective Maintenance includes repairs to boilers, valves, piping, pumps, insulation, electrical components traps, concrete and steel tanks, hanging tubes, and equipment painting, Gunnite stacks, along with the associated material and supplies and vendor support.

Plant Component Upgrade	
Ravenswood	$0
East River	$172
Hudson Avenue	$130
59th Street	$175
74th Street	$52
East River 10/20	$0
Total – Steam	$529

Upgrades to Plant Components includes machine guarding, equipment control mechanisms, temperature controls, trenching, control room equipment, traps, metering, regulators, and analyzers, including the associated material and supplies and vendor support.

Case 05-S-1376 – Con Edison Steam Operations 2007 Operations and Maintenance Report

In $000's

	Variation Explanation	Dec YTD 2007 Actual	Dec YTD 2007 Budget	Dec YTD 2007 Variation to Budget
Steam Explanation:				
Corrective Maintenance	Overrun attributed to: unplanned fuel oil pump work on HP and PB units, as well as repairs to boiler feed pumps and the boiler # 120 air heater at 74th Street; unplanned repairs to unit # 10 economizer, unit # 20 expansion joint and HRSG tube leaks at East River 10/20; and repairs on boiler # 116 tube leaks, ID & FD fan motors and # 1 boiler feed pump motor at East River South Steam station.	$11,829	$10,235	$1,594
Plant Component Upgrade	Underrun results from planned projects at 74th Street station being ruled capital subsequent to a change in scope.	$319	$1,345	($1,026)
Total - Steam		$12,148	$11,580	$568