CONNECTICUT LIGHT & POWER
CAPITAL AUTHORIZATION ANALYSIS

Project 201435 SUBSTATION METERING

Line		Latest Approved	Project Actuals	Variance
1	Direct Costs	342,242	396,278	54,036
2	Indirect Costs	176,526	147,650	(28,876)
3	Total Project Costs	$ 518,769	$ 543,928	$ 25,160

funding project	201435				
				Values	
Cost Element Category	month number	accounting work order	Description	Sum of Quantity	Sum of Amount
Indirect/Overheads	(blank)	20143510		0	$30,434.16
			AFUDC	0	$341.22
		20143510 Total		0	$30,775.38
		20143513		0	$14,636.14
			AFUDC	0	$4,903.98
		20143513 Total		0	$19,540.12
		20143514		0	$1,262.02
			AFUDC	0	$558.08
		20143514 Total		0	$1,820.10
		20143515		0	$39,604.84
			AFUDC	0	$6,819.31
		20143515 Total		0	$46,424.15
		20143516		0	$10,373.07
			AFUDC	0	$4,190.36
		20143516 Total		0	$14,563.43
		20143517		0	$262.97
			AFUDC	0	$242.06
		20143517 Total		0	$505.03
		20143518		0	$6,501.04
			AFUDC	0	$194.00
		20143518 Total		0	$6,695.04
		20143521		0	-$34.58
			AFUDC	0	$955.96
		20143521 Total		0	$921.38
		20143522		0	-$420.11
			AFUDC	0	-$14.39
		20143522 Total		0	-$434.50
		20143523	AFUDC	0	$63.78
		20143523 Total		0	$63.78
		20143524		0	$10,414.31
			AFUDC	0	$1,969.67
		20143524 Total		0	$12,383.98
		20143525	AFUDC	0	$35.15
		20143525 Total		0	$35.15
		20143526		0	$3,122.51
			AFUDC	0	$1,211.75
		20143526 Total		0	$4,334.26
		20143527		0	$9,379.28
			AFUDC	0	$643.62
		20143527 Total		0	$10,022.90
	(blank) Total			0	$147,650.20
Indirect/Overheads Total				0	$147,650.20
Material	(blank)	20143510		0	$0.00
			CABLE, INSULATED, CONTROL, XLPE, SHIELDED, W/#18 CU DRAIN WIRE, 1000V, 7/C#12 COPPER, 1500 FT REELS	[redacted]	$112.84
			CABLE, INSULATED, SWITCHBOARD, 600 V, CU, #14 AWG, 41 STR, 1/C, GRAY, UL TYPE SIS		$1,022.24
			CONNECTOR, COMPRESSION, LUG, INSULATED, #22-16 AWG, #8-10 BOLT, COOPER		$26.78
			CONNECTOR, COMPRESSION, LUG, INSULATED, BLUE, CPR, #18-#14, BOLT SZ #8-#10		$181.86
			METER, ELECTRICAL, POWER MEASUREMENTS METER, COMMUNICATIONS, OPTION AO, W/ENHANCED PACKAGE #2 - OPTION R		$15,456.81
			METER, ELECTRICAL, RTU, 60 HZ ETHERNET RJ 45, 33.6K INTERNAL MODUM, PANEL, 85-240 VAC		$3,510.90
			METER, WATTHOUR, POWER MEASUREMENT, 3 ELEMENT, FORM 9F, 4 WIRE, 3 PHASE, ION8650		$12,778.83
			SWITCH, TEST, TYPE FT-1, P-CC-P-CC-P-CC-P, WITH CLEAR COVER		$2,028.28
		20143510 Total			$35,118.54
		20143515	METER, ELECTRICAL, POWER MEASUREMENTS METER, COMMUNICATIONS, OPTION AO, W/ENHANCED PACKAGE #2 - OPTION R		$1,345.26
			METER, WATTHOUR, POWER MEASUREMENT, 3 ELEMENT, FORM 9F, 4 WIRE, 3 PHASE, ION8650		$12,801.97
			SWITCH, TEST, TYPE FT-1, P-CC-P-CC-P-CC-P, WITH CLEAR COVER		$665.12
			BLOCK, TERMINAL, MOLDED, 600, WHITE MARKING STRIP, 12 TRM, WASHER HEAD OR TAP SCREW, BAKELITE/PHENOLIC		$58.75
			BREAKER, CIRCUIT, 240 VAC/250 VDC, 20A, 2 POLE, MECHANICAL LUG CONNECTION		$142.69
			BUSHING, CONDUIT, INSULATED, PLASTIC, 2 IN		$1.15
			CABLE, COVERED, DATATUFF, CAT 5E, 4 TWISTED PR, FOIL SHLD, INSULATED PVC JACKET, 24AWG		$49.38

funding project	201435				
				Values	
Cost Element Category	month number	accounting work order	Description	Sum of Quantity	Sum of Amount
Material	(blank)	20143515	CABLE, COVERED, RS-485, PAIRED, INSULATED PVC JACKET, BELDFOIL SHIELD, 22 AWG, STRANDED, 2 CONDUCTOR	[redacted]	$38.30
			CABLE, FIBER OPTIC, 12 FIBER, INDOOR/OUTDOOR, CRUSH RESISTANT, MTP CONNECTORIZED ASSY, TIGHT BUFFER, MULTIMODE 62.5 MICRON, 195 FT LONG		$735.63
			CABLE, FIBER OPTIC, 12 FIBER, INDOOR/OUTDOOR, CRUSH RESISTANT, MTP CONNECTORIZED ASSY, TIGHT BUFFER, MULTIMODE 62.5 MICRON, 250 FT LONG		$941.76
			CABLE, FIBER OPTIC, MULTIMODE, 2 FIBER, 3MM DUPLEX ZIP, OFNR, ST-ST, ORANGE, 150 FT		$119.94
			CABLE, INSULATED, CONTROL, HMP, 600V, CPR, #18AWG, 7 STR, 7 TWISTED PAIR, SHIELDED W/ALUM MYLAR TAPE, CPR DRAIN WIRE, PVC JACKET, 1500 FT RE		$80.09
			CABLE, INSULATED, CONTROL, XLPE, SHIELDED, W/#18 CU DRAIN WIRE, 1000V, 12/C#12 COPPER, 1500FT		$290.45
			CABLE, INSULATED, CONTROL, XLPE, SHIELDED, W/#18 CU DRAIN WIRE, 1000V, COPPER, #10, 2/C, 1500FT REEL		$54.45
			CABLE, INSULATED, SWITCHBOARD, 600 V, CU, #14 AWG, 41 STR, 1/C, GRAY, UL TYPE SIS, 500 FT REELS		$444.31
			CONDUIT, FLEXIBLE, LIQUIDTIGHT, AL, 2 IN, GRAY, 50 FT SPOOLS		$515.13
			FUSE, 20 AMP, 250 V, CURRENT LIMITING		$148.48
			FUSE, CURRENT LIMITING, 6 AMP, 250 VAC, 500 VDC, CARTRIDGE		$147.66
			FUSE, FAST-ACTING, FAST ACTING TELECOMMUNICATION INDICATING FUSE		$61.31
			FUSEHOLDER, CARTRIDGE, MOLDED, 250 V, 30 A, 2 POLE		$36.19
			LIGHT, INDICATING, ET-16, LED, 120VAC, AMBER W/WHITE LENS		$47.43
			NUT, LOCK, CONDUIT, 2 IN, METAL		$3.83
			PANEL, FUSE, +/-130VDC		$368.40
		20143515 Total			$19,097.68
		20143524	LIGHT,INDICATING, LED, TYPE: ET-16, AMBER, W/ CLEAR COVER		$40.86
			METER,ELECTRICAL, POWER MEASUREMENT, COMMUNICATIONS/OPTION AO, W/ ENHANCED PACKAGE #2 - OPTION R, OP		$1,344.74
			METER,WATTHOUR, POWER MEASUREMENT, 3 PH, 4 WIRE, FORM: 9F, W/ 3 ELEMENTS, MODEL: ION8650		$19,174.03
			SWITCH,TEST, W/ CLEAR COVER, ARRANGEMENT: P-CC-P-CC-P-CC-P, SERIES FT-1		$776.65
		20143524 Total			$21,336.28
		20143526	CABLE, COVERED, CAT-5E, 4 TWISTED PAIR, 24 AWG, FOIL SHIELDED, PVC JACKET, DATATUFF		$19.75
			CABLE, COVERED, RS-485, PAIRED, 2/C, 22 AWG, STRANDED, BELD FOIL SHIELDED, INSULATED, PVC JACKET		$31.30
			CABLE, INSULATED, SWITCHBOARD, UL TYPE: SIS, 1/C, # 14 AWG, 41 STR, 600 V, GRAY, CU		$75.74
			CABLE, INSULATED, TYPE: SIS, 1/C, #10 AWG, 105 STR, GRAY		$22.08
			FUSE,POWER, CURRENT LIMITING, 20 A, 250 V		$30.03
			FUSE,POWER, CURRENT LIMITING, CARTRIDGE, 6 A, 250/500 V AC/DC		$118.13
			FUSEHOLDER, CARTRIDGE, MOLDED, 30 A, 250 V, 2 POLE		$30.35
			LUG,COMPRESSION, CONNECTOR, 18-14 AWG, 8-10 BOLT SIZE, BLUE, CU, INSULATED		$37.26
			RESISTOR, 100 OHM, W/ MOUNTING BRACKET CENTER TAP, FOR AR(94) RELAY		$1,052.75
			TERMINAL, LUG, YELLOW, #12-10 AWG, COMPRESSION, #8-10 BOLT, CU, CONNECTOR		$37.17
		20143526 Total			$1,454.56
		20143527	METER,ELECTRICAL, POWER MEASUREMENT, COMMUNICATIONS/OPTION AO, W/ ENHANCED PACKAGE #2 - OPTION R, OP		$3,361.86
			METER,WATTHOUR, POWER MEASUREMENT, 3 PH, 4 WIRE, FORM: 9F, W/ 3 ELEMENTS, MODEL: ION8650		$19,174.03
			SWITCH,TEST, W/ CLEAR COVER, ARRANGEMENT: P-CC-P-CC-P-CC-P, SERIES FT-1		$1,233.16
		20143527 Total			$23,769.05
	(blank) Total				$100,776.11
Material Total					$100,776.11
Other	(blank)	20143510	Meals	0	$0.00
		20143510 Total		0	$0.00
		20143515		[redacted]	$93.63
			Meals		$20.00
		20143515 Total			$113.63
		20143516	Meals		$40.00
		20143516 Total			$40.00
		20143524	Meals		$20.00
		20143524 Total			$20.00
	(blank) Total				$173.63
Other Total					$173.63
Labor	(blank)	20143510	Internal Labor	0	$0.00
		20143510 Total		0	$0.00
		20143513	Internal Labor	[redacted]	$1,104.17
		20143513 Total			$1,104.17
		20143514	Internal Labor		$1,044.10
		20143514 Total			$1,044.10
		20143515	Internal Labor		$7,645.31
		20143515 Total			$7,645.31
		20143516	Internal Labor		$9,760.42

funding project	201435				
				Values	
Cost Element Category	month number	accounting work order	Description	Sum of Quantity	Sum of Amount
Labor	(blank)	20143516 Total		[redacted]	$9,760.42
		20143517	Internal Labor		$211.45
		20143517 Total			$211.45
		20143518	Internal Labor		$5,565.62
		20143518 Total			$5,565.62
		20143521	Internal Labor	0	-$71.22
		20143521 Total		0	-$71.22
		20143522	Internal Labor	[redacted]	-$273.48
		20143522 Total			-$273.48
		20143524	Internal Labor		$1,746.66
		20143524 Total			$1,746.66
		20143526	Internal Labor		$2,185.47
		20143526 Total			$2,185.47
		20143527	Internal Labor		$1,887.10
		20143527 Total			$1,887.10
	(blank) Total				$30,805.60
Labor Total					$30,805.60
Outside Services	(blank)	20143513	AMERICAN ELECTRICAL TESTING CO INC		$18,208.10
			MATRIX SERVICE		$25,283.07
			MATRIX SME	0	$28,880.03
		20143513 Total		[redacted]	$72,371.20
		20143515	Contractor Accrual	0	$0.00
				0	$0.00
			AMERICAN ELECTRICAL TESTING CO INC	[redacted]	$11,172.70
			MATRIX SERVICE	0	$8,672.15
			MATRIX SME	0	$92,454.30
			AMERICAN ELECTRICAL TESTING CO	0	$67,899.70
		20143515 Total		[redacted]	$180,198.85
		20143521	CASCADE ENGINEERING CONSULTANTS LLC		$279.15
		20143521 Total			$279.15
		20143524	AMERICAN ELECTRICAL TESTING CO	0	$9,612.63
			TRC LOCKBOX	[redacted]	$1,034.60
		20143524 Total			$10,647.23
		20143526	Contractor Accrual	0	$0.00
			TRC LOCKBOX	0	$1,026.28
		20143526 Total		0	$1,026.28
	(blank) Total			[redacted]	$264,522.71
Outside Services Total					$264,522.71
Grand Total					$543,928.25