

## Financial Summary

Metropolitan Airport - Lighting upgrade = ENERGY RATES @ \$0.18kWh

### Lighting Energy Savings

Demand		Usage	
Existing Demand: kW	871.39	Existing Use: kWh	7,633,350.10
Proposed Demand: kW	318.36	Proposed Use: kWh	2,788,833.59
Demand Reduction: kWr	553.03	Use Reduction: kWh	4,844,516.51
<b>Total Lighting Energy Savings</b>			<b>63.5%</b>
<b>Total Lighting Cost Savings (First Year)</b>			<b>\$872,012.97</b>

### Estimated Payback

First Year Cost Savings	<b>\$872,012.97</b>
Gross Project Cost (\$)	\$3,087,697.68
<b>NYSERDA CONTRIBUTION</b>	<b>0%</b>
Customer Project Cost (with Incentive)	\$3,087,697.68
<b>Simple Payback (months)</b>	<b>42.48</b>
<b>First Year Return on Investment (ROI)</b>	<b>28.24%</b>
<b>CO<sub>2</sub> Reduction (lbs)</b>	<b>4,989,852.00</b>

### Rebate Incentive and/or Project Cost Breakdown

	Bulbs/Ballasts	Labor	Total
<b>Gross Cost:</b>	\$2,664,013.58	\$423,684.10	\$3,087,697.68
<b>Total Rebate:</b>	\$0.00	\$0.00	\$0.00
<b>Net Customer Cost:</b>	\$2,664,013.58	\$423,684.10	\$3,087,697.68

Contribution derived from NYSERDA Energy Efficiency Program . NYSERDA Contribution contingent on acceptance of the Project by NYSERDA and execution of a Customers Agreement. NYSERDA ENERGY Program Offered is valid for 15 days and made on a "first come / first served" basis

Metropolitan Airport - Lighting upgrade = ENERGY RATES @ \$0.18/kWh

Metropolitan Area Airport Road, New York 9809216271

Location Information										Existing Fixture Information										Proposed Fixture Information									
Con Ed Eligibility	Group #	Op Hour	Floor	Location	Location Comments	Fixture Shape	Lamp Color	Audit Type	Existing Qty.	Existing Fixture Description	ICF Existing Equipment Types	Fixture Watts	Existing Kw	ECM Type	Retrofit Qty.	Retrofit Fixture Description	ICF Replacement Equipment Types	Fixture Watts	Retrofit Kw	kWh Reduced									
Yes	104	8760	1	HH 1st Floor	Direct Airvabs Hall		4100	Z1	232	CDM 100/PAR38FL	HID Fixture	100	23.200	MH24P282 5	232	REPLACE 24W PAR 38 METAL HALIDE - NARROW FLOOD - 28 BEAM ANGLE (MCP24E/PAR38/0830N/123E/CO)	Compact Metal Halide (no socket modification pre-approved)	24	5.588	17.632									
Yes	104	8760	1	HH 1st Floor	INDIRECT Arrival Hall		4100	MH950	44	METAL HALIDE, 1-350 WATT LAMP	HID Fixture	380	16.720	NONBACH/STANDARD	44	LED 120 W RETROFIT QUUSTOM FIXTURE TO REPLACE 225w-450MH	LED Replacement for Linear Fluorescent Fixture	129	5.676	11.044									
Yes	104	8760	1	HH 1st Floor	Visible EMV PARABOLIC		3600	Z3	38	CP24DTE/IN835	Fluorescent Fixture	29	1.102	LED28 2	38	REPLACE 2 - 8WATT 2' LED TUBES	LED Replacement for Linear Fluorescent Fixture	16	0.608	0.494									
Yes	104	8760	1	HH 1st Floor	Corridor EAST PARABOLIC		3600	Z8	272	2 PL-L24W/35/4P	Fluorescent Fixture	56	15.232	Luminax 6E	272	LUMINEXE 15 WATT LED Panel 6x6	LED Replacement for Linear Fluorescent Fixture	15	4.080	11.152									
Yes	104	8760	1	HH 1st Floor	Corridor WEST PARABOLIC		3600	Z8	272	2 PL-L24W/35/4P	Fluorescent Fixture	56	15.232	Luminax 6E	272	LUMINEXE 15 WATT LED Panel 6x6	LED Replacement for Linear Fluorescent Fixture	15	4.080	11.152									
Yes	104	8760	1	HH 1st Floor	Escalator 41 Corridor WEST		3600	Z1	12	CDM 100/PAR38FL	HID Fixture	100	1.200	MH24P282 5	12	REPLACE 24W PAR 38 METAL HALIDE - NARROW FLOOD - 25 BEAM ANGLE (MCP24E/PAR38/0830N/123E/CO)	Compact Metal Halide (no socket modification pre-approved)	24	0.288	0.912									
Yes	104	8760	1	HH 1st Floor	Escalator 41 Corridor WEST		3600	Z8	18	2 PL-L24W/35/4P	Fluorescent Fixture	56	1.008	Luminax 6E	18	LUMINEXE 15 WATT LED Panel 6x6	LED Replacement for Linear Fluorescent Fixture	15	0.270	0.738									
Yes	104	8760	1	HH 1st Floor	Immigration Ceiling		835K	835K/835K	154	8 FIXTURE, 4-F32T8 LAMPS, ENERGY SAVING MAGNETIC BALLAST - RETROFIT	Fluorescent Fixture	128	19.712	LED418 4R LRB	154	REPLACE 4 - 18 WATT 4' LED TUBES Fixture Retrofit	LED Replacement for Linear Fluorescent Fixture	72	11.088	8.624									
Yes	104	8760	1	HH 1st Floor	Customs Over Carousel 1Z		835K	2.1.48ULP	191	2 - 1-F40T8 BXX RELAMP ONLY	Lamps	40	7.840	LED28 1	191	REPLACE 1 - 8WATT 2' LED TUBES	LED Replacement for Linear Fluorescent Fixture	8	1.528	6.112									
Yes	104	8760	1	HH 1st Floor	Customs Over Carousel 1Z		835K	2.2.48ULP	704	2 - 2-F40T8 BXX RELAMP ONLY	Lamps	80	56.520	LED25 2	704	RELAMP 2-2-25 WATT P.L-L BXX LAMPS	High Efficiency Fluorescent Lamps	50	35.200	35.200									
Yes	104	8760	1	HH 1st Floor	Customs Over Carousel		3600	Z7	392	Circular Can 2-PL-C18W/35/40	Fluorescent Fixture	39	15.288	Luminax 6E	392	LUMINEXE 15 WATT LED Panel 6x6	LED Replacement for Linear Fluorescent Fixture	15	5.880	9.408									
Yes	104	8760	1	HH 1st Floor	Customs Over Carousel			MH	0	Place Holder	Fluorescent Fixture	0	0.000	NR	0	Place Holder	Fluorescent Fixture	0	0.000	0.000									
Yes	104	8760	1	HH 1st Floor	Customs Lower Ceiling		3600	Z11	639	Can 2-PL-C20W/35/4P	Fluorescent Fixture	56	35.784	Luminax 6E-CAN	639	LUMINEXE 15 WATT LED Panel 6x6 SURFACE MOUNT CAN	LED Replacement for Linear Fluorescent Fixture	17	10.863	24.921									
Yes	104	8760	1	HH 1st Floor	MM SIGN OVER ROLLING SIGN		3600	MH	84	Place Holder	Fluorescent Fixture	0	0.000	NR	84	Place Holder	Fluorescent Fixture	0	0.000	0.000									
Yes	104	8760	1	HH 1st Floor	OVER IMMIGRATION CENTER		835K	4.2.38ULP	156	4 FIXTURE, 2-F32T8 LAMPS, ELECTRONIC BALLAST - RELAMP ONLY	Lamps	60	9.360	LED418 2R LRB	156	REPLACE 2 - 18 WATT 4' LED TUBES Fixture Retrofit	LED Replacement for Linear Fluorescent Fixture	36	5.616	3.744									
Yes	104	8760	1	HH 1st Floor	OVER CUSTOMS CNTRS		835K	4.2.38ULP	80	4 FIXTURE, 2-F32T8 LAMPS, ELECTRONIC BALLAST - RELAMP ONLY	Lamps	60	4.800	LED418 2R LRB	80	REPLACE 2 - 18 WATT 4' LED TUBES Fixture Retrofit	LED Replacement for Linear Fluorescent Fixture	36	2.880	1.920									
Yes	104	8760	1	HH 1st Floor	CUSTOMS CEILING		835K	4.4.38ULP	208	4 FIXTURE, 4-F32T8 LAMPS, ELECTRONIC BALLAST - RELAMP ONLY	Lamps	128	26.624	LED418 4R LRB	208	REPLACE 4 - 18 WATT 4' LED TUBES Fixture Retrofit	LED Replacement for Linear Fluorescent Fixture	72	14.976	11.648									
Yes	104	8760	1	HH 1st Floor	COVE LIGHTS		835K	Z9	100	2-PL-L40/35/0835S	Fluorescent Fixture	80	8.000	LED418 2	100	REPLACE 2 - 18 WATT 4' LED TUBES New 2 Light Fixture	LED Replacement for Linear Fluorescent Fixture	36	3.600	4.400									
Yes	104	8760	1	HH 1st Floor	ARTWORK		835K	NR	55	No Retrofit	Fluorescent Fixture	0	0.000	NR	55	No Retrofit	Fluorescent Fixture	0	0.000	0.000									
Yes	104	8760	1	HH 1st Floor	ARTWORK		835K	Z10	55	QUARTZ T0 CAN/OTD	Incandescent Lamps	70	3.850	LED20PAR 38 HEAD	55	REPLACE E-LIGHT 20WATT PAR 38 LED WITH TRACK HEAD	LED Replacement for Incandescent Lamps (pre-approved LED)	40	2.200	1.650									
Yes	104	8760	1	HH 1st Floor	CUSTOMS		835K	4.2.38ULP	136	4 FIXTURE, 2-F32T8 LAMPS, ELECTRONIC BALLAST - RELAMP ONLY	Lamps	60	8.160	LED418 2R LRB	136	REPLACE 2 - 18 WATT 4' LED TUBES Fixture Retrofit	LED Replacement for Linear Fluorescent Fixture	36	4.896	3.264									
Yes	104	8760	1	HH 1st Floor	CUSTOMS		835K	4.2.38ULP	13	4 FIXTURE, 2-F32T8 LAMPS, ELECTRONIC BALLAST - RELAMP ONLY	Lamps	60	0.780	LED418 2R LRB	13	REPLACE 2 - 18 WATT 4' LED TUBES Fixture Retrofit	LED Replacement for Linear Fluorescent Fixture	36	0.488	0.312									
Yes	104	8760	1	HH 1st Floor	CUSTOMS		835K	Z12	14	2-F32T8 ELECTRONIC BALLAST - RETROFIT	Fluorescent Fixture	30	0.420	CREE22 2Z	14	CREE 2X2 LAMIN FIXTURE 22W	LED Replacement for Linear Fluorescent Fixture	22	0.308	0.112									

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Loc. #	Con Ed Eligibility	Group #	Location Information			Location Comments	Fixture Shape	Lamp Color	Audi. Type	Existing Qty.	Existing Fixture Description	ICF Existing Equipment Types	Fixture Watts	Existing Kw	ECM Type	Retrofit Qty.	Proposed Fixture Information				
			Op. Hour	Floor	Location												Retrofit Fixture Description	ICF Replacement Equipment Types	Fixture Watts	Retrofit Kw	kWh Reduced
24	Yes	104	8760	1	HH 1st Floor	ADMIN OFFICES	RECESSED	835K	213	20	2-2-P-L-15035RFS	Fluorescent Fixture	65	1.300	CREE2L2Z	20	CREE 2X2 LAVIN FXTURE 22W	LED Replacement for Linear Fluorescent Fixture	22	0.440	0.860
25	Yes	104	8760	1	HH 1st Floor	BAGAGE CLAIM OFFICES	RECESSED	835K	214	32	2-3-P-L-15035RFS	Fluorescent Fixture	90	2.880	CREE2L2Z	32	CREE 2X2 LAVIN FXTURE 32W	LED Replacement for Linear Fluorescent Fixture	32	1.024	1.856
26	Yes	104	8760	1	HH 1st Floor	BAGAGE CLAIM OPEN HALLS	RECESSED	835K	214	26	2-3-P-L-15035RFS	Fluorescent Fixture	90	2.340	CREE2L2Z	26	CREE 2X2 LAVIN FXTURE 32W	LED Replacement for Linear Fluorescent Fixture	32	0.832	1.508
27	Yes	104	8760	3	B CON	DIRECT LIGHTING	RECESSED	835K	24	626	2-P-L-24W/354P	Fluorescent Fixture	56	35.056	CREE2L2Z	626	CREE 2X2 LAVIN FXTURE 22W	LED Replacement for Linear Fluorescent Fixture	22	13.772	21.284
28	Yes	104	8760	3	B CON	INDIRECT Annels Hall	RECESSED	835K	26	186	P-L-40/390/RS/HS	Fluorescent Fixture	40	7.440	LECH181	186	REPLACE 1 - 18WATT 4 LED TUBES New 11ght Fixture	LED Replacement for Linear Fluorescent Fixture	18	3.348	4.092
29	Yes	104	8760	3	B CON	FIXED BRIDGES	RECESSED	835K	24	460	2-P-L-24W/354P	Fluorescent Fixture	56	25.760	CREE2L2Z	460	CREE 2X2 LAVIN FXTURE 22W	LED Replacement for Linear Fluorescent Fixture	22	10.120	15.640
30	Yes	104	8760	2	B CON	DIRECT LIGHTING	RECESSED	835K	24	319	2-P-L-24W/354P	Fluorescent Fixture	56	17.864	CREE2L2Z	319	CREE 2X2 LAVIN FXTURE 22W	LED Replacement for Linear Fluorescent Fixture	22	7.018	10.846
31	Yes	104	8760	2	B CON	TOP OF RAMP ART	TRACK HEAD REPLACEMENT	841K	21	8	CDM 100/PR38/FL	HID Fixture	100	0.800	MH24F3825	8	REPLACE 24W PAR 38 METAL HALIDE -NARROW BEAM ANGLE (MC22HEP/PA380/830W/125FCO)	Compact Metal Halide (no socket modifier needed, pre-approved)	24	0.192	0.608
32	Yes	104	8760	2	B CON	RAMP NEAR CURTAINS	RECESSED	835K	28	4	2-P-L-24W/354P	Fluorescent Fixture	56	0.224	Lumiere 6E	4	LUMINEXE 15 WATT LED Panel 6x6	LED Replacement for Linear Fluorescent Fixture	15	0.080	0.164
33	Yes	104	8760	2	B CON	RAMP TO CURTAINS	RECESSED	835K	26	72	PAR 20 FLOOD 50 WATT DIMMABLE INCANDESCENT	Incandescent Lamps	50	3.600	LED9WPAR20	72	REPLACE 9 WATT PAR 20 LED	LED Replacement for Incandescent Lamps (pre-approved CE)	9	0.648	2.952
34	Yes	104	8760	3	B CON	SCYCK PT	RECESSED	835K	28	175	2-P-L-24W/354P	Fluorescent Fixture	56	9.800	Lumiere 6E	175	LUMINEXE 15 WATT LED Panel 6x6	LED Replacement for Linear Fluorescent Fixture	15	2.625	7.175
35	Yes	104	8760	3	B CON	SCYCK PT	RECESSED	835K	26	90	PAR 20 FLOOD 50 WATT DIMMABLE INCANDESCENT	Incandescent Lamps	50	4.500	LED9WPAR20	90	REPLACE 9 WATT PAR 20 LED	LED Replacement for Incandescent Lamps (pre-approved CE)	9	0.810	3.690
36	Yes	104	8760	3	B CON	1ST FL DIRECT	RECESSED	835K	26	325	METAL HALIDE 1-150 WATT LAMP	HID Fixture	190	6.1750	PAR 52W LED	325	PAR 52 Watts Outdoor rated fixture	LED Replacement for Incandescent Lamps (pre-approved CE)	52	16.900	44.880
37	Yes	104	8760	3	A CON	3FL DIRECT	RECESSED	835K	28	335	2-P-L-24W/354P	Fluorescent Fixture	56	18.760	Lumiere 6E	335	LUMINEXE 15 WATT LED Panel 6x6	LED Replacement for Linear Fluorescent Fixture	15	5.025	13.735
38	Yes	104	8760	3	A CON	3FL INDIRECT	RECESSED	835K	26	84	P-L-40/390/RS/HS	Fluorescent Fixture	40	3.360	LECH181	84	REPLACE 1 - 18WATT 4 LED TUBES New 11ght Fixture	LED Replacement for Linear Fluorescent Fixture	18	1.512	1.848
39	Yes	104	8760	3	A CON	FIXED BRIDGES	RECESSED	835K	28	276	2-P-L-24W/354P	Fluorescent Fixture	56	15.456	Lumiere 6E	276	LUMINEXE 15 WATT LED Panel 6x6	LED Replacement for Linear Fluorescent Fixture	15	4.140	11.316
40	Yes	104	8760	3	A CON	SCYCK PT	RECESSED	835K	215	175	Car 2-P-L-C8W/354P	Fluorescent Fixture	56	9.800	Lumiere 6E	175	LUMINEXE 15 WATT LED Panel 6x6	LED Replacement for Linear Fluorescent Fixture	15	2.625	7.175
41	Yes	104	8760	3	A CON	3FL DIRECT	RECESSED	26	26	80	PAR 20 FLOOD 50 WATT DIMMABLE INCANDESCENT	Incandescent Lamps	50	4.000	LED9WPAR20	80	REPLACE 9 WATT PAR 20 LED	LED Replacement for Incandescent Lamps (pre-approved CE)	9	0.720	3.280
42	Yes	104	8760	2	A CON	2FL DIRECT	RECESSED	28	28	199	2-P-L-24W/354P	Fluorescent Fixture	56	11.144	Lumiere 6E	199	LUMINEXE 15 WATT LED Panel 6x6	LED Replacement for Linear Fluorescent Fixture	15	2.985	8.159
43	Yes	104	8760	2	A CON	RAMP TO CURTAINS	RECESSED	26	26	53	PAR 20 FLOOD 50 WATT DIMMABLE INCANDESCENT	Incandescent Lamps	50	2.850	LED9WPAR20	53	REPLACE 9 WATT PAR 20 LED	LED Replacement for Incandescent Lamps (pre-approved CE)	9	0.477	2.173
44	Yes	104	8760	1	A CON	1ST FL DIRECT	RECESSED	26	26	50	METAL HALIDE 1-150 WATT LAMP	HID Fixture	190	9.500	PAR 52W LED	50	PAR 52 Watts Outdoor rated fixture	LED Replacement for Incandescent Lamps (pre-approved CE)	52	2.600	6.900
45	Yes	104	8760	3	A CON	BATHROOMS MEN & WOMAN	RECESSED	835K	42.384UP	30	4 FIXTURE 2-F32T8 LAMPS ELECTRONIC BALLAST - RELAMP ONLY	Lamps	60	1.800	LED4182R L88	30	REPLACE 2 - 18 WATT 4 LED TUBES Fixture Retrofit lamp	LED Replacement for Linear Fluorescent Fixture	36	1.080	0.720
46	Yes	104	8760	3	A CON	BATHROOMS MEN & WOMAN	RECESSED	835K	31.3888	6	3 FIXTURE 4-F30T125D LAMPS ENERGY SAVING MAGNETIC BALLAST	Fluorescent Fixture	37	0.222	LED3121	6	REPLACE 1 - 12 WATT 3 LED TUBES	LED Replacement for Linear Fluorescent Fixture	12	0.072	0.150

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			Op Hour	Floor	Location	Location Comments	Fixture Shape	Lamp Color	Audit Type	Existing Qty.	Existing Fixture Description	ICF Existing Equipment Types	Fixture Watts	Existing Kw	ECM Type	Retrofit Qty.	Retrofit Fixture Description	ICF Replacement Equipment Types	Fixture Watts	Retrofit Kw
47	Yes	104	8760	3	A CON	BATHROOMS MEN & WOMAN		2.1.2898	6	2 FIXTURE, 1-F20/T12/STD LAMP- ENERGY SAVING MAGNETIC BALLAST	Fluorescent Fixture	26	0.156	LED28 1	6	REPLACE 1- 8WATT 2 LED TUBES	LED Replacement for Linear Fluorescent Fixture	8	0.048	0.108
48	Yes	104	8760	2	A CON	BATHROOMS MEN & WOMAN		4.2.28UD	30	4 FIXTURE, 2-F32/T8 LAMPS, ELECTRONIC BALLAST - RELAMP ONLY	Lamps	60	1.800	LED418 2R LRB	30	REPLACE 2- 18 WATT 4 LED TUBES Fixture Retrofit/relamp	LED Replacement for Linear Fluorescent Fixture	36	1.080	0.720
49	Yes	104	8760	2	A CON	BATHROOMS MEN & WOMAN		3.1.2898	6	3 FIXTURE, 1-F30/T12/STD LAMPS ENERGY SAVING MAGNETIC BALLAST	Fluorescent Fixture	37	0.222	EO312 1	6	REPLACE 1- 12WATT 3 LED TUBES	LED Replacement for Linear Fluorescent Fixture	12	0.072	0.150
50	Yes	104	8760	2	A CON	BATHROOMS MEN & WOMAN		2.1.2898	6	2 FIXTURE, 1-F20/T12/STD LAMP- ENERGY SAVING MAGNETIC BALLAST	Fluorescent Fixture	26	0.156	LED28 1	6	REPLACE 1- 8WATT 2 LED TUBES	LED Replacement for Linear Fluorescent Fixture	8	0.048	0.108
51	Yes	104	8760	3	B CON	BATHROOMS MEN & WOMAN		4.2.28UD	24	4 FIXTURE, 2-F32/T8 LAMPS, ELECTRONIC BALLAST - RELAMP ONLY	Lamps	60	1.440	LED418 2R LRB	24	REPLACE 2- 18 WATT 4 LED TUBES Fixture Retrofit/relamp	LED Replacement for Linear Fluorescent Fixture	36	0.864	0.576
52	Yes	104	8760	3	B CON	BATHROOMS MEN & WOMAN		3.1.2898	6	3 FIXTURE, 1-F30/T12/STD LAMPS ENERGY SAVING MAGNETIC BALLAST	Fluorescent Fixture	37	0.222	EO312 1	6	REPLACE 1- 12WATT 3 LED TUBES	LED Replacement for Linear Fluorescent Fixture	12	0.072	0.150
53	Yes	104	8760	3	B CON	BATHROOMS MEN & WOMAN		2.1.2898	6	2 FIXTURE, 1-F20/T12/STD LAMP- ENERGY SAVING MAGNETIC BALLAST	Fluorescent Fixture	26	0.156	LED28 1	6	REPLACE 1- 8WATT 2 LED TUBES	LED Replacement for Linear Fluorescent Fixture	8	0.048	0.108
54	Yes	104	8760	2	B CON	BATHROOMS MEN & WOMAN		4.2.28UD	24	4 FIXTURE, 2-F32/T8 LAMPS, ELECTRONIC BALLAST - RELAMP ONLY	Lamps	60	1.440	LED418 2R LRB	24	REPLACE 2- 18 WATT 4 LED TUBES Fixture Retrofit/relamp	LED Replacement for Linear Fluorescent Fixture	36	0.864	0.576
55	Yes	104	8760	2	B CON	BATHROOMS MEN & WOMAN		3.1.2898	6	3 FIXTURE, 1-F30/T12/STD LAMPS ENERGY SAVING MAGNETIC BALLAST	Fluorescent Fixture	37	0.222	EO312 1	6	REPLACE 1- 12WATT 3 LED TUBES	LED Replacement for Linear Fluorescent Fixture	12	0.072	0.150
56	Yes	104	8760	2	B CON	BATHROOMS MEN & WOMAN		2.1.2898	6	2 FIXTURE, 1-F20/T12/STD LAMP- ENERGY SAVING MAGNETIC BALLAST	Fluorescent Fixture	26	0.156	LED28 1	6	REPLACE 1- 8WATT 2 LED TUBES	LED Replacement for Linear Fluorescent Fixture	8	0.048	0.108
57	Yes	104	8760	2	B CON	INTRANSIT LADNAGE		28	2 PL-12/W/38/4P	Fluorescent Fixture	56	3.024	Lumina GE	54	LUMINEXE 15WATT LED Panel 6x6	LED Replacement for Linear Fluorescent Fixture	15	0.810	2.214	
58	Yes	104	8760	2	B CON	INTRANSIT LADNAGE REST ROOM		4.2.28UD	8	4 FIXTURE, 2-F32/T8 LAMPS, ELECTRONIC BALLAST - RELAMP ONLY	Lamps	60	0.480	LED418 2R LRB	8	REPLACE 2- 18 WATT 4 LED TUBES Fixture Retrofit/relamp	LED Replacement for Linear Fluorescent Fixture	36	0.288	0.192
59	Yes	104	8760	2	B CON			PH	0	Place Holder	Fluorescent Fixture	0	0.000	NR	0	Place Holder	Fluorescent Fixture	0	0.000	0.000
60	Yes	104	8760	4		HGCCILING LIGHTS		NR	0	No Retrofit	Fluorescent Fixture	0	0.000	NR	0	No Retrofit	Fluorescent Fixture	0	0.000	0.000
61	Yes	104	8760	4		HGCCILING LIGHTS		NR	80	METAL HALIDE, 1-250 WATT LAMP	HID Fixture	295	23.600	NORBACH 57/NOBARD	80	LED 120 W RETROFIT CUSTOM FIXTURE TO REPLACE 225W-450MH	LED Replacement for Linear Fluorescent Fixture	129	10.320	13.280
62	Yes	104	8760	4		HGCCILING LIGHTS		NR	16	METAL HALIDE, 1-1000 WATT LAMP	HID Fixture	1080	17.280	NORBACH ELITE	16	LED 214 W RETROFIT CUSTOM FIXTURE TO REPLACE 450-850MH	LED Replacement for Linear Fluorescent Fixture	214	3.424	13.856
63	Yes	104	8760	4		HGCCILING LIGHTS		NR	154	PAR 38 FLOOD 90 WATT INCANDESCENT	Incandescent Lamps	90	13.680	LED20 PAR 38	154	REPLACE 2- 18 WATT 4 LED TUBES PAR 38 LED	LED Replacement for Incandescent Lamps (pre-approval req)	20	3.080	10.780
64	Yes	104	8760	4		HGCCILING LIGHTS		NR	152	2 PL-140/350/RS/HS	Fluorescent Fixture	80	12.160	LED418 2	152	REPLACE 2- 18 WATT 4 LED TUBES New Light Fixture	LED Replacement for Linear Fluorescent Fixture	36	5.472	6.688
65	Yes	104	8760	4		SPOT LIGHTS		NR	160	No Retrofit	Fluorescent Fixture	0	0.000	NR	160	No Retrofit	Fluorescent Fixture	0	0.000	0.000
66	Yes	104	8760	4		VESTIBULE ENTRANCE		Z11	60	Can 24/C60W/35/4P	Fluorescent Fixture	56	3.360	Lumina GE-CAN	60	LUMINEXE 19 WATT LED Panel 6x8 SURFACE MOUNT CAN	LED Replacement for Linear Fluorescent Fixture	17	1.020	2.340
67	Yes	104	8760	4		HH 4TH VESTIBUL		4.2.28UD	20	4 FIXTURE, 2-F32/T8 LAMPS, ELECTRONIC BALLAST - RELAMP ONLY	Lamps	60	1.200	LED418 2R LRB	20	REPLACE 2- 18 WATT 4 LED TUBES Fixture Retrofit/relamp	LED Replacement for Linear Fluorescent Fixture	36	0.720	0.480
68	Yes	104	8760	4		HH 4TH PURCHASING		28	8	PL-140/350/RS/HS	Fluorescent Fixture	40	0.320	LED418 1	8	REPLACE 1- 18WATT 4 LED TUBES New Light Fixture	LED Replacement for Linear Fluorescent Fixture	18	0.144	0.176
69	Yes	104	8760	4		FRONT OF ELEVATORS		4.2.28UD	10	4 FIXTURE, 2-F32/T8 LAMPS, ELECTRONIC BALLAST - RELAMP ONLY	Lamps	60	0.600	LED418 2R LRB	10	REPLACE 2- 18 WATT 4 LED TUBES Fixture Retrofit/relamp	LED Replacement for Linear Fluorescent Fixture	36	0.280	0.240

Metropolitan Airport - Lighting upgrade = ENERGY RATES @ \$0.18/kWh

Metropolitan Area Airport Road, New York 9809216271

Location Information				Existing Fixture Information										Proposed Fixture Information							
Loc. #	Con Ed Eligibility	Group #	Op. Hour	Floor	Location	Location Comments	Fixture Shape	Lamp Color	Audit Type	Existing Qty.	Existing Fixture Description	ICF Existing Equipment Types	Fixture Watts	Existing Kw	ECM Type	Retrofit Qty.	Retrofit Fixture Description	ICF Replacement Equipment Types	Fixture Watts	Retrofit Kw	kWh Reduced
70	Yes	104	8760	4	HH 4TH	INDECT WALL MOUNTED		841K	MHS0	82	METAL HALIDE, 1-350 WATT LAMP	HID Fixture	380	31.160	NONBACH STANDARD	82	LED 120 W RETROFIT CUSTOM FIXTURE TO REPLACE 225W-450MH	LED Replacement for Linear Fluorescent Fixture	129	10.578	20.582
71	Yes	104	8760	4	HH 4TH	CEILING LIGHTS OVER TRK CNTR OVER REVOLVING DOOR		841K	MHS0	200	METAL HALIDE, 1-350 WATT LAMP	HID Fixture	380	76.000	NONBACH STANDARD	200	LED 120 W RETROFIT CUSTOM FIXTURE TO REPLACE 225W-450MH	LED Replacement for Linear Fluorescent Fixture	129	25.800	50.200
72	Yes	104	8760	4	HH 4TH	OVER REVOLVING DOOR		841K	MHS0	20	METAL HALIDE, 1-350 WATT LAMP	HID Fixture	380	7.600	NONBACH STANDARD	20	LED 120 W RETROFIT CUSTOM FIXTURE TO REPLACE 225W-450MH	LED Replacement for Linear Fluorescent Fixture	129	2.580	5.020
73	Yes	104	8760	4	HH 4TH	CLASS CEILING INDIRECT		841K	4.2.289B	250	4 FXTURE, 2-F32T8 LAMPS, ELECTRONIC BALLAST - RELAMP ONLY	Lamps	60	15.000	LED418 2R LRB	250	REPLACE 2 - 18 WATT 4 LED TUBES Fixture Retrofit relamp	LED Replacement for Linear Fluorescent Fixture	36	9.000	6.000
74	Yes	104	8760	B	SINGAGE B CON	GATE TRIANGLE TYPE		841K	2.1.289B	10	2 FXTURE, 1-F20T12/2TD LAMP, ENERGY SAVING MAGNETIC BALLAST	Fluorescent Fixture	26	0.260	LED281	10	REPLACE 1 - 8WATT 2 LED TUBES	LED Replacement for Linear Fluorescent Fixture	8	0.080	0.180
75	Yes	104	8760	B	SINGAGE B CON	GATE TRIANGLE TYPE		841K	3.1.289B	10	3 FXTURE, 1-F30T12/2TD LAMPS, ENERGY SAVING MAGNETIC BALLAST	Fluorescent Fixture	37	0.370	LED3121	10	REPLACE 1 - 12 WATT 3 LED TUBES	LED Replacement for Linear Fluorescent Fixture	12	0.120	0.290
76	Yes	104	8760	B	SINGAGE B CON	GATE TRIANGLE TYPE		841K	4.1.289B	10	4 FXTURE, 1-F34T12 LAMP, ELECTRONIC BALLAST	Fluorescent Fixture	32	0.320	LED4181	10	REPLACE 1 - 18WATT 4 LED TUBES New 1 Light Fixture	LED Replacement for Linear Fluorescent Fixture	18	0.180	0.140
77	Yes	104	8760	B	SINGAGE A CON	GATE TRIANGLE TYPE		841K	2.1.289B	5	2 FXTURE, 1-F20T12/2TD LAMP, ENERGY SAVING MAGNETIC BALLAST	Fluorescent Fixture	26	0.130	LED281	5	REPLACE 1 - 8WATT 2 LED TUBES	LED Replacement for Linear Fluorescent Fixture	8	0.040	0.090
78	Yes	104	8760	B	SINGAGE A CON	GATE TRIANGLE TYPE		841K	3.1.289B	5	3 FXTURE, 1-F30T12/2TD LAMPS, ENERGY SAVING MAGNETIC BALLAST	Fluorescent Fixture	37	0.165	LED3121	5	REPLACE 1 - 12 WATT 3 LED TUBES	LED Replacement for Linear Fluorescent Fixture	12	0.060	0.125
79	Yes	104	8760	B	SINGAGE A CON	GATE TRIANGLE TYPE		841K	4.1.289B	5	4 FXTURE, 1-F34T12 LAMP, ELECTRONIC BALLAST	Fluorescent Fixture	32	0.160	LED4181	5	REPLACE 1 - 18WATT 4 LED TUBES New 1 Light Fixture	LED Replacement for Linear Fluorescent Fixture	18	0.090	0.070
80	Yes	104	8760	3	SINGAGE B CON 2ND FLR	WAYFINDING		841K	6.1.289B	5	8 FXTURE, 1-F36T12 60 WATT LAMP, ENERGY SAVING MAGNETIC BALLAST	Fluorescent Fixture	62	0.310	LED3801	5	REPLACE 1 - 30 WATT 8 LED TUBES	LED Replacement for Linear Fluorescent Fixture	30	0.150	0.160
81	Yes	104	8760	2	SINGAGE B CON 2ND FLR	WAYFINDING		841K	6.1.289B	12	8 FXTURE, 1-F36T12 60 WATT LAMP, ENERGY SAVING MAGNETIC BALLAST	Fluorescent Fixture	62	0.744	LED3801	12	REPLACE 1 - 30 WATT 8 LED TUBES	LED Replacement for Linear Fluorescent Fixture	30	0.360	0.364
82	Yes	104	8760	3	SINGAGE A CON 3RD FLR	WAYFINDING		841K	6.1.289B	12	8 FXTURE, 1-F36T12 60 WATT LAMP, ENERGY SAVING MAGNETIC BALLAST	Fluorescent Fixture	62	0.744	LED3801	12	REPLACE 1 - 30 WATT 8 LED TUBES	LED Replacement for Linear Fluorescent Fixture	30	0.360	0.384
83	Yes	104	8760	2	SINGAGE A CON 2ND FLR	WAYFINDING		841K	6.1.289B	4	8 FXTURE, 1-F36T12 60 WATT LAMP, ENERGY SAVING MAGNETIC BALLAST	Fluorescent Fixture	62	0.248	LED3801	4	REPLACE 1 - 30 WATT 8 LED TUBES	LED Replacement for Linear Fluorescent Fixture	30	0.120	0.128
84	Yes	104	8760	4	SINGAGE HH	WAYFINDING		841K	6.1.289B	64	8 FXTURE, 1-F36T12 60 WATT LAMP, ENERGY SAVING MAGNETIC BALLAST	Fluorescent Fixture	62	3.968	LED3801	64	REPLACE 1 - 30 WATT 8 LED TUBES	LED Replacement for Linear Fluorescent Fixture	30	1.920	2.048
85	Yes	104	8760	3	SINGAGE HH	WAYFINDING		841K	6.1.289B	52	8 FXTURE, 1-F36T12 60 WATT LAMP, ENERGY SAVING MAGNETIC BALLAST	Fluorescent Fixture	62	3.224	LED3801	52	REPLACE 1 - 30 WATT 8 LED TUBES	LED Replacement for Linear Fluorescent Fixture	30	1.560	1.664
86	Yes	104	8760	2	SINGAGE HH	WAYFINDING		841K	6.1.289B	32	8 FXTURE, 1-F36T12 60 WATT LAMP, ENERGY SAVING MAGNETIC BALLAST	Fluorescent Fixture	62	1.964	LED3801	32	REPLACE 1 - 30 WATT 8 LED TUBES	LED Replacement for Linear Fluorescent Fixture	30	0.960	1.024
87	Yes	104	8760	1	SINGAGE HH	WAYFINDING		841K	6.1.289B	16	8 FXTURE, 1-F36T12 60 WATT LAMP, ENERGY SAVING MAGNETIC BALLAST	Fluorescent Fixture	62	0.992	LED3801	16	REPLACE 1 - 30 WATT 8 LED TUBES	LED Replacement for Linear Fluorescent Fixture	30	0.480	0.512
88	Yes	104	8760	1	SINGAGE HH	DIRECTOR'S SIGNS		841K	NR	40	No Retrofit	Fluorescent Fixture	0	0.000	NR	40	No Retrofit	Fluorescent Fixture	0	0.000	0.000
89	Yes	104	8760	1	SINGAGE A CON	TICKET COUNTERS		841K	6.1.289B	144	8 FXTURE, 1-F36T12 60 WATT LAMP, ENERGY SAVING MAGNETIC BALLAST	Fluorescent Fixture	62	9.928	LED3801	144	REPLACE 1 - 30 WATT 8 LED TUBES	LED Replacement for Linear Fluorescent Fixture	30	4.320	4.608
90	Yes	104	8760	1	SINGAGE A CON	TICKET COUNTERS		841K	6.1.289B	144	6 FXTURE, 1-F72T12 LAMP, ENERGY SAVING MAGNETIC BALLAST	Fluorescent Fixture	76	10.944	LED3221	144	REPLACE 1 - 22 WATT 6 LED TUBES	LED Replacement for Linear Fluorescent Fixture	22	3.168	7.776
91	Yes	104	8760	1	SINGAGE HH	TICKET COUNTERS		841K	4.1.289B	144	4 FXTURE, 1-F34T12 LAMP, ELECTRONIC BALLAST	Fluorescent Fixture	32	4.608	LED4181	144	REPLACE 1 - 18WATT 4 LED TUBES New 1 Light Fixture	LED Replacement for Linear Fluorescent Fixture	18	2.592	2.016
92	Yes	104	8760	1	SINGAGE HH	TICKET COUNTERS		841K	2.1.289B	144	2 FXTURE, 1-F20T12/2TD LAMP, ENERGY SAVING MAGNETIC BALLAST	Fluorescent Fixture	26	3.744	LED281	144	REPLACE 1 - 8WATT 2 LED TUBES	LED Replacement for Linear Fluorescent Fixture	8	1.152	2.592

Metropolitan Airport - Lighting upgrade = ENERGY RATES @ \$0.18kWh

Metropolitan Area Airport Road, New York 8609216271

Loc. #	Con Ed Eligibility	Group #	Location Information			Existing Fixture Information						Proposed Fixture Information													
			Op Hour	Floor	Location	Location Comments	Fixture Shape	Lamp Color	Audt. Type	Existing Qty.	Existing Fixture Description	ICF Existing Equipment Types	Fixture Watts	Existing Kw	ECM Type	Retrofit Qty.	Retrofit Fixture Description	ICF Replacement Equipment Types	Fixture Watts	Retrofit Kw	kWh Reduced				
93	Yes	104	8760	1	SINGAGE HH	TICKET SALES KIOSKS	841K	41.3BLUB	64	4' FIXTURE, 4'x4'x12" LAMP, ELECTRONIC BALLAST	Fluorescent Fixture	32	2048	LEDH181	64	REPLACE 1 - 18WATT 4' LED TUBES New 1' Light Fixture	LED Replacement for Linear Fluorescent Fixture	18	1152	0.868					
94	Yes	104	8760	1	SINGAGE HH	TICKET SALES KIOSKS	841K	41.3BLUB	192	4' FIXTURE, 1'-8" T8 LAMP, ELECTRONIC BALLAST - RE-LAMP ONLY	Lamps	32	6144	LEDH181	192	REPLACE 1 - 18WATT 4' LED TUBES New 1' Light Fixture	LED Replacement for Linear Fluorescent Fixture	18	3456	2.688					
95	Yes	104	8760	3	HH 3RD	RETAIL SPOT LIGHTS	841K	PAR 40	228	PAR 38 FLOOD 90 WATT INCANDESCENT	Incandescent Lamps	90	20520	LED20PAR 38	228	REPLACE FLIGHT 20WATT PAR 38 LED	LED Replacement for Incandescent Lamps (pre-approved CE)	20	4560	15.960					
96	Yes	104	8760	3	HH 3RD	RETAIL STACK LIGHT	841K	MH90	32	METAL HALIDE, 1350 WATT LAMP	HID Fixture	380	12160	NORBACH STANDARD	32	LED 128 W RETROFIT TUBES TO REPLACE 225w-450MH	LED Replacement for Linear Fluorescent Fixture	129	4128	8.032					
97	Yes	104	8760	3	HH 3RD	RETAIL UP LIGHT	841K	MH1000	44	METAL HALIDE, 1-1000 WATT LAMP	HID Fixture	1080	47520	NORBACH ELITE	44	LED 214 W RETROFIT TUBES TO REPLACE 450-650MH	LED Replacement for Linear Fluorescent Fixture	214	9416	38.104					
98	Yes	104	8760	1	LBS 1ST & 2ND FLR	PAR	830K	PAR 40	98	PAR 20 FLOOD 90 WATT DIMMABLE INCANDESCENT	Incandescent Lamps	50	4900	LED9WPAR 20	98	REPLACE 9 WATT PAR 20 LED	LED Replacement for Incandescent Lamps (pre-approved CE)	9	0.882	4.018					
99	Yes	104	8760	1	LOADING DOCK	LOWBAVS	841K	MH150	22	METAL HALIDE, 1-150 WATT LAMP	HID Fixture	190	4180	R48 52W LED	22	R48 LED 52 Watts Outdoor rated fixture	LED Replacement for Incandescent Lamps (pre-approved CE)	52	1144	3.036					
100	Yes																								
101	Yes																								
Salesperson: Washington										Cell Number: 8609216271										# of LOC	EA QTY.	Existing Kw	Retrofit Qty.	TOT ECM KW	kWh Reduced
																				99	10432	871387	10432	318,360	553,027