

ADVISORY BOARD CALENDAR

April 9, 2014

Approval #	Submission #	Type of Request	Status	Fee
52288	13A0151CO2	Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
Carry over from January 15, 2014 meeting. Not Reviewed expedite for NYFD commissioner. 4/18/14 Job finalized.				
52249	13A0578CO	Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
Carry over from January 15, 2014 meeting. 3/30/15 Swapped Drawing 1, Revision 3.				
	13A0712CO	Requested approval for the electric service equipment proposed to be installed	On Hold	\$0.00
Carry over from December 11, 2013 meeting. 1) Coordination study to be performed by a P.E. and stamped, not complete. 2) Show bonding and grounding of existing service switch and generators. 3) Switches to be labeled to match Sequence of Operation on 1 Line drawing. 4) Show elevation drawing of feeders entering and in the service room. 5) Do service switchboards rear doors? 6) 1 Line and room layout don't match. 7) Someone who knows job to appear at the meeting when new drawings are submitted.				
52381	13A0715	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Show size of service bus feeding the 1600 amp service switches. 2) Provide manufacturer's cut sheet of generator and switchboard with documentation show that the generator and panel are listed as a complete assembly. 5/13/14 Rejected 1) Item #2 partially addressed. 2) Corrected drawings show Rev 0. 6/18/14 Job finalized. 9/22/14 Swapped 1 and 2, Revision 2.				
	14A0039CO2	Requested approval for the electric service equipment proposed to be installed	On Hold	\$0.00
Carry over from March 12, 2014 meeting. 1) Drawings -N-10' tap conductors in panels DP-33E, DP-45 feeding last sections 1240 amps of conductors feeding 1400 amp of fusing. Item two (listed from previous meeting) not addressed.				
52350	14A0097	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Change normal fire pump fuse to 1200A. 2) Remove "Exit" sign. 3) Telephone service room shouldn't be accessed through the main service room. 5/19/14 1) Service switch #2 overfused. 2) Drawing "B" shows Revision 1, there appears to be no changes, nothing indicated. 5/21/14 Job finalized. 8/8/14 Swapped A, B & C, Rev 2.				

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	14A0100	Requested approval for the electric service equipment proposed to be installed	Administrative Closure	\$650.00
1) Provide manufacturer's cut sheet of generator and switchgear showing listing as a complete assembly. 2) Verify that Con-ED box is directly below CT cabinet and service entrance conductors are installed in a fire rate area, show elevation drawing. 3) Provide coordination study between service switch #1 and DPK panel, and Bussman and little fuses. 5/22/14 Job finalized.				
52345	14A0108	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1-800 s.s. mislabeled and fuse in reverse. 5/15/14 Job finalized.				
52250	14A0134	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
12/19/14 Swapped 2, Revision 2.				
	14A0142	Requested approval for the electric service equipment proposed to be installed	Rejected	\$650.00
1) Submittal not in Advisory Board format. 2) What is the scope of work? 3) Coordination study required. 5/19/14 Rejected Items #1 and 2 not addressed. 9/22/14 Rejected Item #1 not addressed.				
52387	14A0145	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) 5' clearance required in front of fire pump service switch 10 point meter in way. 2) Show size of main bonding jumper. 3) How do 1/0 conductors terminate in 60 amp disconnect switch? 4) Equipment grounding conductors undersized load side of lockable trough, and tap conductors fed from 400 amp switch to 200 amp switch, and load side trough fed from 1600 amp switch. 5) Provide cut sheet for generator and switchgear showing that it is listed as a complete assembly. 5/16/14 Rejected 1) Revised drawings show Rev 1 when Rev 1's were originally submitted. 2) Item #4 partially addressed. 3) Item #5 not addressed. 6/19/14 Job finalized.				
52251	14A0146	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
OR 5/13/14 Swapped Rev 1.				

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	14A0147	Requested approval for the electric service equipment proposed to be installed	Administrative Closure	\$650.00
5/13/14 Swapped "A" drawing Rev 1. 8/7/14 Void as per Cal. #52418.				
52253	14A0148	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
6/19/14 Swapped Rev 3.				
52254	14A0149	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Disclaimer: Advisory Board approval is limited to materials received and reviewed by the Board. Contact Con-Edison regarding Blue Book requirements. 9/27/16 Swapped drawing B-Revision 1. 9/23/16 Bus feeding sections 5, undersized drawing AB-1.				
52336	14A0151	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Service lateral undersized for 4000 amp service, what is the length of service laterals? 2) Short circuit calculations not complete. 5/13/14 Job finalized. 6/23/15 Swapped drawings A, Revision 1 and B, Revision 2.				
52255	14A0155	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
7/23/14 Swapped -01 Revision 2.				
52256	14A0156	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
52257	14A0157	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00

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Approval #	Submission #	Type of Request	Status	Fee
52293	14A0158	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Verify s.s. designation and location of new fuse on single line. 4/21/14 Job finalized. 3/24/15 Swapped 1 and 2 Revision 1s. 6/19/15 Swapped drawings 1, Revision 3 and 2, Revision 2.				
52539	14A0159	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Address is aka Four World Financial Center Provide short circuit calculations to circuit breaker panels. 9/24/14 Job finalized. 12/28/15 Swapped drawing 1-Revision 1.				
52258	14A0160	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
3/21/16 Swapped Drawing 1, Revision 1.				
52296	14A0162	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Physical for TC-SS-4/TC-DS-4-6(B) shows. 2) Service switches #2 instead of SS 1 and SS2. 3) Service switch #4 in TC-SS-4-3/TC-D5-4-3(B) board overfused drawing AB-E1. 4) Physical for TC-SS-4-5/TC-D5-4-5-(B) show 2 service switches #3 instead of SS 3 and 4. 5) Show cable support boxes for service entrance conductors and provide physicals, concrete encasement with signage, distance of vertical runs. Voltage drop. 6) Generator cables are under sized, generator gives out about 4500A. 4/21/14 Job finalized. 5/19/16 Swapped drawings A,E1, G, K-Revision 2 and Drawings B,C,C1,D,D1,E,F1 and G1-Revision 1 5/15/2017 - dwg A- rev 10, B rev-4, C1 rev-7, D1- rev - 8, E1 rev- 8, F1 rev-10, G1 rev 8, H1-rev 6, K rev-5 7/21/17 - swap dwg # B Rev 5, C Rev 7, C1 Rev 8, D Rev 8, E Rev 9, D1 Rev 9, E1 Rev 9, F Rev 8, F1 Rev 11, G Rev 99, G1 Rev 9, H Rev 7, H1 Rev 7, I Rev 2, J Rev 3, K Rev 6				
52294	14A0165	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Confirm 3' clearance in front of disconnect switch. 4/21/14 Job finalized. 12/5/14 Swapped Revision 2.				

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54187	14A0166	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
<p>1) Verify size of fuses in s.s. #3. 2) Verify equipment grounding conductor is being installed with fire pump feeder. 3) Show conductor support boxes and take pictures of completed support boxes for inspection purposes. 10/6/15 Rejected. 1) Item 1 explain how equipment grounding conductors are being installed with MI cable. MI cable can't be installed in conduit. Explain cable support boxes. 2) Equipment grounding conductor undersized. 11/3/16 Job finalized. Disclaimer: Advisory Board approval is limited to materials received and reviewed by the Board. Contact Con-Edison regarding Blue Book requirements 6/23/17 - swap dwg # 514-032514 rev 3</p>				
52349	14A0167	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
<p>1 Distribution switchboard PP-EM bus to be rated at 700 amps sq". 2) Coordination study to be performed and stamped by a P.E. 3) Provide listing documentation from a NRTL for generator and switchgear as a complete assembly. 5/21/14 Job finalized. 3/31/15 Called contractor. Need full size drawings. 4/21/15 Swapped Drawing B, Revision 2. 6/4/15 Swapped Drawing B, Revision 3.</p>				
	14A0169	Requested approval for the electric service equipment proposed to be installed	Denied	\$650.00
<p>1) Verify 3' clearance in front of FAP tap. 2) Verify that emergency conductors are not installed in the service room unless they are fire rated. 3) Equipment grounding conductors for fire pump system undersized, feeders to fire pump not fire rated. 4) Equipment grounding conductors for feeders to life safety panel undersized, show conductors and conduits on load side of ATS and verify amount of sets of conductors. 5) Generator feeders not shown. 6) 1000 amp fuse protecting 400 amp ATS, provide size of life safety panel. 7) 3000 amp breaker to 800 amp fuse does not coordinate. 7/14 No good for carry over. 1) Items 1,2,3,4 and 7 not addressed. 2) Fire pump feeders undersized. 3) Provide listing from NRTL showing that the gen set is listed as a complete assembly. 11/12/14 Denied 1) Item #2 not addressed. 2) Fire pump emergency feeders not fire rated. 3) Item #5 not addressed. 4) Item #7 not addressed 5) With the stipulation: Fire Rated Enclosure's must comply with the following: 1.A P.E. or R.A. must file a PW1 as an ALT 3. 2.A Special Inspection TR1 form must be submitted by a licensed fire inspection agency to sign off on the fire proofing installation. 3. The fire proofing must be performed by a certified fire proofing installer.</p>				
52520	14A0170	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
<p>1) Rear of switchboard to be blocked off. 2) Verify disconnect link on service entrance bus and show sizing of take off bus feeding service switches. Provide neutral link for 1200 amp service switch. 3) Show size of take off bus supplying disconnect switches. 4) Emergency fire alarm disconnect switch bonded and grounded. 5) Verify what type of fire pump is being installed. 6) Emergency fire pump circuit changes wiring methods. 9/15/14 Job finalized. 4/1/15 As per contractor MI cable was installed not fire rated enclosure.</p>				

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Approval #	Submission #	Type of Request	Status	Fee
	14A0171	Requested approval for the electric service equipment proposed to be installed	On Hold	\$0.00
SANDY 1) Add note to drawing indicating special permission 52219 to use MC cable for service entrance. 2) Note fire pump sizes. 3) Provide manufacturers cut sheet for 550 KCM conductor. 4) How do you go from 11 sets to 12 sets of MC cable. 5) Will MC cable for service and feeders be bundled together or separated on rack. 6) Provide transformer secondary tap lengths. 7) Splice for fire pump to be located in fire pump room				
	14A0172	Requested approval for the electric service equipment proposed to be installed	On Hold	\$0.00
SANDY 1) Add note to drawing indicating that special permission 52219 was approved to use MC cable for service entrance. 2) P-1, P-2 bus undersized to 2000 amp service switch. 3) Provide manufacturer's cut sheet for 550 MCM conductor. 4) Note the sizes (HPIFLA) for the fire pumps. 5) How do you go from 11 sets to 12 of MC cable?. 6) Will MC cable for service entrance and feeders be bundled together or separated on a rack? 7) P.1. Feeder over fused at 2000 amps. 8) Splice box for fire pump to be located in fire pump room. 9) Show the lengths of transformer secondary				
52259	14A0173	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
OR				
52260	14A0174	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
8/27/14 Swapped drawings 1 & 2, Rev 1.				

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Approval #	Submission #	Type of Request	Status	Fee
52343	14A0175	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
<p>1) Bus undersized in TDP-3W, TDP-18-Eand DP-C section vertical bus. 2) Reduced neutral calculations not provided. 3) 1600 A4BQ to 1200 A4BQ don't coordinate. 5/15/14 Job finalized. 6/23/14 Swapped 1,2,3 & 4 Rev 4, 6/23/16 Swapped 1,2, 3 and 4-Revision 4. 2/14/19 Swap dwg #1, 2, 3, 4 and 5-Revision 6. This drawing is approved with the stipulation that the generator, feeders, switchgear, and enclosure (if installed) are listed as a complete assembly from the manufacturer bearing the listing label, section 110.3, and 110.2. The listing documentation is to be kept on site for inspector's review.</p> <p>The other option is for the equipment to be field evaluated and listed as a complete assembly by an OSHA recognized "Nationally Recognized Testing laboratory" (NRTL) bearing the listing label prior to DOB electrical inspection, the NRTL field evaluation report is to be kept on site for inspector's review.</p> <p>NOTE: Only NRTL authorized manufacturers can build, test, and list the equipment. It is the responsibility of the submitter to ensure compliance with section 110.2(A)(1), 110.2(A)(2), and 110.3 of the 2011 NYC Electrical Code.</p>				
52342	14A0176	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
<p>Fire pump feeder to be fire rated. 5/15/14 Ok, with the stipulation that UL listed 2 hour rated assembly complies with the following: 1) Have a P.E. or R.A. file a PW1 as an ALT 3. 2) Have a Special Inspection TR1 form submitted by a licensed fire inspection agency to sign off on the fire proofing installation. 3) Have the fire proofing performed by a certified fire proofer installer. 4/29/15 Swapped drawings 1 and 2, Revision 2.</p>				
52340	14A0177	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
<p>OR Through bus undersized to last distribution section. 5/15/14 Job finalized.</p>				
52391	14A0178	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
<p>1) Provide sequence of operation. 2) Co-Gen trans. are bonded on the utility side. 6/20/14 Job finalized.</p>				
52261	14A0179	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
<p>OR</p>				

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52262	14A0180	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
OR 8//27/14 Swapped 1, Rev 1.				
52263	14A0181	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
OR 7/23/14 Swapped Revision 1. 11/1/16 Swapped Drawing1-Revision 2.				
52344	14A0182	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
52339	14A0183	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
52264	14A0184	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
OR				
52265	14A0185	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
52266	14A0186	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
9/28/16 Swapped drawings. 1 and2- Revision 1s				

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Approval #	Submission #	Type of Request	Status	Fee
	14A0187	Requesting permission to leave as installed undersized tap conductors where 1 set of #2's and 1 set of 3/0's were tapped on the load side of 3000 amp fuses.	Denied	\$0.00
SANDY Code: 240.21				
	14A0188	Requesting permission to leave as installed undersized tap conductors where #2 copper taps were installed on the load side of 2000 amp fuses.	Denied	\$0.00
SANDY Code: 240.21				
52267	14A0189	Requesting permission to leave as installed a 400 amp ATS with a front clearance of 31".	Approved	\$0.00
SANDY				
52268	14A0190	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
OR				
52394	14A0192	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Provide documentation showing that the Shaffner mtc transformer are listed. 2) Service switch notation is reversed. 5/19/14 Rejected 1) Drawings 2,3, & 4 of 4 are marked Revision 1 and there are no indications of any revisions. 2) Item #1 not addressed, no documentation provided by a NRTL. 6/23/14 Job finalized.				

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	14A0193	Requested approval for the electric service equipment proposed to be installed	On Hold	\$650.00
<p>1) Drawings 4 of 6 25 of 6 physicals don't match, number of switches don't match. 2) Show where Con Ed enters the service room, does Con ED enter on 1st floor or basement? 3) Show size of service bus feeding the service switches. 4) Where are the step down transformers located in relation with the distribution boards, How long are the transformer taps? 5) Equipment grounding conductors for fire pump undersized 250.122. 6) MSWB-2 1600 amp feeder, equipment grounding conductor undersized. 7) Equipment grounding conductors supplied from 2000 amp bus trough undersized should be 4/0. 8) Show fuse types on generator disconnect switches. 9) Generator bonded and grounded and 3 and pole ATS switches are mixed to panels EMLT and EMDS. 10) Provide documentation that the ENER-6 RVDOX generator and switchgear is listed as a complete assembly. 6/11/14 1) Transformer secondary taps to comply with 240.21 C-6. 2) RB-LE switchboard to be 700 amps per square inch. 3) Item #3 not addressed.</p>				
52482	14A0195	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
<p>1) 3' clearance required on the side of the switchboard. 2) What fuse level is feeding MVA-1 and provide OCPD size of feeder. 3) Short circuit study to be provided by a P.E. and stamped. 4) Drawing to be larger scale. 7/23/14 Rejected 1) Item #4 not addressed, 8"x11" drawings not acceptable. 2) Verify that switchgear has rear hinged doors drawing FP changed. 8/21/14 Job finalized.</p>				
52859	14A0196	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
<p>1) Correctly indicate whether aluminum or copper feeder conductors are being installed, and type of conduit being installed. 2) Fire alarm utility disconnect switch overfused, and not bonded and grounded. 3) Fire pump feeders to be fire rated. 4) Verify ampere rating of panel EMDP-3-1. 5) Provide short circuit study. 6) Generator is separately derived system provide bonded and grounding. 12/2/14 Rejected Item #3 partially addressed. 3/23/15 Job finalized. Disclaimer: Advisory Board approval is limited to materials received and reviewed by the Board. Contact Con-Edison regarding Blue Book requirements. 5/16/16 Swapped Drawing 1 and 2-Revision 3. 10/3/16 Swapped drawing 1-Revision 4.</p>				
52270	14A0197	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
<p>3/30/15 Swapped 1 of 1, Revision 2.</p>				
	14a0397	Requested approval for the electric service equipment proposed to be installed	Rejected	\$650.00
<p>11/30/15 Rejected. Disconnect link should be located as previous location after CT or 4000A switch.</p>				