

ADVISORY BOARD CALENDAR

March 13, 2013

Approval #	Submission #	Type of Request	Status	Fee
51588	12A0144CO	Requesting permission to feed 4 separate lots with two service points where the service equipment for two buildings will be installed on the outside of commercial buildings where there is no space to install the equipment indoors.	Approved	\$0.00
Carry over from July 18, 2012 meeting.				
	13A0051	Requested approval for the electric service equipment proposed to be installed	On Hold	\$650.00
1) Main bonding jumper not shown on drawing for s.s. 2) Verify incoming service ent. Conductors are Edison. 3) Feeder to PNL HDP-1 not shown, bus size in panel not shown. 4) Grounding electrode not shown on drawing for F.A. 5) Tap conductors size and length not shown on drawing for trans S combo 1 sw. 6) Tap conductors on loadside of 2000A disc. Switch length not shown. 7) Mechanical ventilation not provide for service room.				
	13A0052	Requested approval for the electric service equipment proposed to be installed	On Hold	\$650.00
1) 2000 amps s.s. and 1200 amps disc. Sw. are reversed. 2) S.S.WB and RDB physical different from one line. 3) Buss to 2000 am service switch undersized. 4) Provide AIC. 5) Provide larger text(readable). 6) Show 2				
51693	13A0053	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Short circuit study to comply with Section 3018(L). Job finalized 7/3/13,				
	13A0054	Requested approval for the electric service equipment proposed to be installed	On Hold	\$650.00
1) Drawing submitted, not Advisory Board format. 2) SWBD bus and section bus size not shown on drawing. 3) Equipment manufacture cut sheets not provided. 4) Main and supplemental grounding electrodes not shown on drawing. 5) Fuse type and fuse coordination not provided. 6) Main bonding jumpers not shown on drawing. 7) Measurement not provided for SWBD in service room.				

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	13A0055	Requested approval for the electric service equipment proposed to be installed	On Hold	\$650.00
1) Drawing submitted not Advisory Board format. 2) SWBD bus size not shown on drawing. 3) Equipment manufacture cut-sheets, not provided. 4) Main water pipe and supplemental grounding electrode not shown on drawing. 5) Fuses type and fuse coordination not provided. 6) Main bonding jumpers and size not shown on drawing.				
51630	13A0058CO	Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
SANDY Carry over from February 20, 2013 meeting. 1) Show cable tray run and how building conductors will be installed in the trays and not interfering with switch operation, how will DLO cables enter the trays. 2) Emergency lighting inverter to be removed from service room. 3) Verify that the doors for the fire rated room need to open 180 degree or move room closet to the door. Job finalized 4/19/13. 3/1/2017 - swap dwg 1-3 rev 4				
51589	13A0068	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
51655	13A0069	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Verify min 1/0 install to building steel for supp gnd. Job finalized 5/10/13.				
52067	13A0070	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) ATS room to be fire rated. 2) Provide mechanical ventilation in service room. 3) Provide length of taps and comply with tap rules. 4) Verify load calculations for apartments. 5) Verify reduced neutral calculations. 10/18/13 Item #3 not addressed, main disconnect switches required at each meter. 12/31/13 job finalized. 6/23/14 Rejected 1. New revisions marked Revision 4 when revision 4s were approved already. 2) Tap conductors undersized and weren't marked as changes. 3) Old Revision 4 note removed from drawings, meter bands. New work marked as Rev 4 when it should be Rev 5. 4) Fire alarm has two 60 amp service switches on normal side, emergency FA switch is located in gen set. 5) Special service fire pump underfused on normal and emergency side. 6) Provide listing for gen set as a complete assembly.				
51637	13A0071	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Service switch to comply with 250.64(D)(2). 2) Verify that service room is fire rated. Job finalized 4/29/13.				

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51661	13A0072	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Grounding electrode not provide at service switches. Article 250.64(D)(2). Job finalized 5/21/13.				
51612	13A0073	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Provide listing documentation for co-gen. 2) Sequence of operation not provided. 3) Provide A/C. Job finalized 4/4/12.				
51636	13A0074	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Main and a supplemental grounding electrode not provide Art 250.64(D). Job finalized 4/24/13.				
51656	13A0075	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Remove service switch to be grounded 250.64(D) 2. Job finalized 5/10/13.				
51657	13A0076	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Neutral in generator disconnect switch not bonded to enclosure. 2) Verify that normal supplies to ATS' are 3rd fusing. Job finalized 5/10/13.				
51602	13A0077	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
51772	13A0078	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Remove service switches to be grounded 250.64(D)2. 7/29/13 job finalized.				

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51689	13A0079	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Fire pump service switches to comply with 250.64(D)2. Job finalized 6/19/13				
51774	13A0080	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Remote service switch to be grounded 250.64(D)2. 7/29/13 job finalized.				
52718	13A0081	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
<p>1) Show what the clearance is in front of the end box on Level C. 2) Verify that Con Ed is supplying end box with 8 sets of 500 MCM. 3) Service entrance conductors and service bus undersized. 4) Feeders to fire pump undersized. 5) F.P. emergency fusing undersized. 6) Neutral in generator switch to be bonded and grounded supplying 4 pole ATS. 7) Provide separate enclosures for f.p. and 1600 c.b. taps at the generator. 4/16/14 1) No note at load side of generator indicating whether 3 or 4 pole ATS will be used downstream. 2) Are separate enclosures installed for generator disconnect switches? 1/6/15 Job finalized. With the stipulation:</p> <p>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 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 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> <p>Disclaimer: Advisory Board approval is limited to materials received and reviewed by the Board. Contact Con-Edison regarding Blue Book requirements.</p>				
51658	13A0082	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Fire rated RHH cable to be installed in a 2 hour fire rated enclosure for the fire pump feeder. 2) Remote fire pump service switch and remote solar photovoltaic service switch to comply with 250.64(D)2. Job finalized 5/10/13.				

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51659	13A0083	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Fire rated RHH cable to be installed in a 2 hour fire rated enclosure for the fire pump feeder. 2) Remote fire pump service switch and remote service switch for solar photovoltaic system to comply with 250.64(D)2. Job finalized 5/10/13.				
51663	13A0084	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Verify that there is 5' of clearance in front of the service switch. 2) Verify that switchboard has rear doors or block off rear of switchboard. 3) Verify that the clearance in front of the c.t. cabinet complies with 110.26(A)12. And Table 110.26. 4) Verify the number of grounding lugs and indicate whether building steel is present and bonded. 5) Provide size of main bonding jumper. 6) List fuse types. 7) Provide manufacturer's equipment cuts. 5/13/13- #6 and #4 not addressed. Job finalized 5/23/13. 6/17/17 - 1) Show water main grounding & supplemental gnd on the one line. 2) Verify 7' in floor plan - verify the scale. 3) Provide clearance 3' or to allow the CT door to open at least 90 degree which is greater in front of CT comply with 110.26(A)(2) 4) Comply with table 110.26(A)(1)- for T-mobile meter MSD 5) Provide panic bars 6) Show fire alarms on one line. 9/20/17 swap dwg 1 of 2 rev 1				
51666	13A0085	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Verify refurbishing of existing circuit breakers in existing switchboard was done by original manufacture. 2) GFP not provide at 1200 amps bus duct switches. 3) Provide cuts on the satin trip units and verify they are UL listed. 5/21/13- New Elemco test reports not sign by tester and P.E. that witness test. #1, #2 & #3 not address. Job finalized 6/13/13.				
51631	13A0086	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Existing switchboard service bus under size. 2) Verify that ATS w/stand rating is 55 KAIC or more. Job finalized 4/22/13. Address correction from letter received on 4/8/13.				
52231	13A0087	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Verify by note what the size of the overcurrent devices are at generator 1 MCC-CG1-EB-4 and MCC-CG2-EB-7. 2) Equipment grounding conductor to ATS 112 undersized. 3) Provide secondary F.A. switch. 4) Verify that the ATS's have withstanding or provide operating of ATS/series rating with upstream rc.p. 12/18/13 Rejected 1) Item 1 not addressed. 2) Item #2 addressed, now other EGC's are undersized. 3) Drawing went from Revision 1 to 4 with customer comments without first correcting original comments. 4) Drawings 2,3 & 4 of 4 show Revision 4 but no changes have been identified. 2/26/14 Rejected 1) Item #1 not addressed. 2) Fire alarm EGC undersized. 3) Fire alarm transformer to be bonded and grounded at 1 location. 4) Item #4 not addressed. Drawings are marked Revision 4. 3/17/14 Job finalized. 2/6/17 Swapped drawings. Drawing 1-Revision4 and Drawing 3-Revision 3.				

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	13A0088	Requested approval for the electric service equipment proposed to be installed	On Hold	\$650.00
1) 4000A s.s. shown incorrectly on drawing. 2) Provide physical of 4000 amp service switch modifications. 3) Show how bus will be extended.				
51697	13A0089	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Verify grounding electrode collector bus inside service room for s.s. for 250. 64(D)3 compliance. 2) One line diagram for fire alarm not shown on drawing. 3) Verify type of fire rated conductor for fire pump. Job finalized 7/11/13.				
51893	13A0090	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Fire pump service ent. and circuit conductor undersize, line side not fire rated. 2) Fire pump emergency feeder under fused. 3) Show size of vertical bus to 2500 and 1600 amp disconnect switches. 4) Provide withstand ratings for ATS' 9/20/13 job finalized. 12/26/17-swap dwg 1 Rev 4				
51734	13A0091	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Service grounding electrode conductors to 600 amps comb. Pal. undersize. 2) Provide w/stand (110.9) for s.s. 2,3,4, 5. Job finalized 7/19/13				
	13A0092	Requested approval for the electric service equipment proposed to be installed	Denied	\$650.00
1) Drawings submitted are not in Advisory Board format. 2) Submit cut sheets and listing for Co-gen unit.				
	13A0093	Requested approval for the electric service equipment proposed to be installed	On Hold	\$650.00
Not Reviewed				

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Approval #	Submission #	Type of Request	Status	Fee
	13A0138	Requested approval for the electric service equipment proposed to be installed	On Hold	\$0.00
SANDY 1) Was any of the existing equipment and underground feeders, if any ,submerged? Provide explanation of what work is being installed. 2) Provide FLA for fire pumps. 3) Is any of the existing equipment energized? 4) Is the service equipment new or existing? 5) Fuse types not provided. 6) Bus sizes and equipment physicals not provided. 7) Drawing not in Advisory Board format.				
51664	13A0139	Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
SANDY 1) Secondary of transformers to be bonded to building steel or water main. 2) Fire pump h.p. not shown. 3) Verify transformer tap rules apply or install main in panelboard. 4) Verify that service room is mechanically ventilated. 5) Verify voltage and AIC. 6) Verify that system. Is coordinated. Job finalized 5/15/13. 11/23/15 Swapped drawings A-Revision 2; B-Revision 3				
51690	13A0140	Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
SANDY Verify correct voltage and short circuit values. Finalized and swapped 6/19/13. 6/25/14 Swapped A-Rev 2 and B-Rev 3 address correction. 11/23/15 Drawing swapped A, Revision 3, B, Revision 4.				
51591	13A0141	Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
SANDY 4/18/14 Swapped A-Rev 1 and B-Rev 1.				
51896	13A0142	Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
SANDY 1) Why are there 16-500 MCM lugs to TSB-1 temporary? 2) Was the other equipment water damaged. 3) Provide details of the work that will be installed. 4/24/13 -Main grounding electrode not provided at multiple s.s. enclosures. 2) S.S. vertical bus size not shown on drawing. 9/23/13 job finalized.				

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51735	13A0143	Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
SANDY 1) Transformer secondary to be bonded and grounded at only 1 point. 2) Generator to have main breaker. Provide generator and emergency board cut sheets 3) Show MI transition boxes. 4) Fire pump service switch to be grounded as per 250.64(D)(2). 5) Coordination study to be provided by a PE. Job finalized 7/19/13.				
51700	13A0144	Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
SANDY 1) Provide AIC. 2) Provide coordination study from P.E. 3) Provide distance of service entrance conductors 180'. 4) Rear door? 5) Verify with DOB construction division to whether or not emergency back up is required for the fire pumps and other jurisdiction that may apply. 6) Fire pump and fire alarm service switches to comply with 250.64(D)(2). 7) Provide scope of what will be installed. Job finalized 7/15/13.				
51603	13A0145	Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
SANDY 1) Show where and how service entrance is feeding the new switchboards. 2) Show entire service room layout. 3) Give complete scope of what work is being installed. 4) Show what is new and what is existing. 5) 240 volt fuse on 208 system coordination. Job finalized 3/25/13.				
	13A0146	Requested approval for the electric service equipment proposed to be installed	On Hold	\$0.00
SANDY 1) Provide cutsheets of service bus by Galaxy show compliance with 368.119, and Eaton equipment. 2) Provide size of main bonding jumper. 3) Verify fire alarm emergency feeder size. 4) F.A. and F.P. emergency feeders reversed on drawing. 5) Verify fusing to emergency panel, overfused at 2000 amps. 6) Show P.O.E. accurate locations. 7) Provide accurate cross section and match bus location. 8) Provide EM board info, room location, etc. 9) Provide location of EM switches (unprotected taps). 11) Verify bus sizes on all vertical sections.				
	13A0147	Requested approval for the electric service equipment proposed to be installed	On Hold	\$0.00
SANDY 1) Signage to be provided on rear of switchboards stating do not remove covers or work on while live. 2) Verify that existing service equipment wasn't storm damages. 3) Service entrance conductors and service bus undersized. 4) Verify bus sizes on all vertical sections.				

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	13A0148	Requested approval for the electric service equipment proposed to be installed	On Hold	\$0.00
SANDY 1) Provide signage on rear of switchboard stating do not remove covers-do not work live. 2) Provide sizes of main bonding jumpers. 3) Verify sections and horizontal and vertical bus locations. 4) Indicate all c.b. devices, do not include qualities only. 5) C.B. rated for 65 KAIC when short circuit at board is 88 KAIC. 6) Provide FEO CAT cut sheets.				
	13A0149	Requested approval for the electric service equipment proposed to be installed	On Hold	\$0.00
SANDY 1) Provide size of main bonding jumpers. 2) Fire pump service switches and splice boxes not shown on drawing. 3) Equipment grounding conductors to booster pump service switch undersized. 4) Verify conductors in conduit to fire alarm service switch and system. 5) Explain tap method in fire alarm disconnect switch. 6) Secondary of transformer not bonded and grounded. 7) F.A. EM feeder shall be a tap of gen. 8) Verify distance between gen and f.p. EM switch. 9) Verify bus sizes. 10) Verify elevation sections.				
51604	13A0150	Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
SANDY Job finalized 3/25/13.				
51590	13A0157	Requesting permission to install jacketed shielded liquidtight conduit for LED lighting 9on the Empire State building antenna structure	Approved	\$0.00
Code: 225.10 With the stipulation that documentation is provided that the wiring method is listed for the purpose intended, and the installation complies with the NYC Energy Code				
	13A0158	Requesting permission to omit the use of ground fault protection on a 3000 amp 480/277 volt replacement service switch where it is felt that the downstream overcurrent protection can possibly trip for incidental faults and de energize the entire life safety distribution system	Denied	\$0.00
Code: 240.12.				