

ADVISORY BOARD CALENDAR

September 11, 2013

Approval #	Submission #	Type of Request	Status	Fee
52061		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Provide clear short circuit print out to easily locate (identify) o.1 second. 2) Fire alarm and future EM taps are undersized conductors(line up A). 10/23/13 Rejected Equipment grounding conductors on taps undersized. 12/17/13 Job finalized.				
	13A0101CO	Requested approval for the electric service equipment proposed to be installed	Pending	\$0.00
ATS ratings don't coordinate OCPD for normal and emergency.				
51946	13A0101CO2	Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
Carry over from August 14, 2013 meeting. ATS ratings don't coordinate with OCPD for normal and emergency. 10/23/13 job finalized. 7/1/15. Rejected. 1) Equipment grounding conductor to fire pump undersized, #1 required. 2) Coordination study to show changes to 2nd fusing. 3) A new submittal is required. 8/1/16 Swapped Drawing 1,2,3 and 4-Revision 5.				
	13A0405	Requested approval for the electric service equipment proposed to be installed	Denied	\$650.00
1) Service entrance conductors to fire pump service switch not shown. 2) Fire pump feeder conductors undersized. 3) Fire pump service switch size not shown, fuse size not shown. 4) Equipment grounding conductors undersized.				
51932	13A0413	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1)Verify correct address. 2) Indicate sequence of operation and interlocking. 3) Indicate control functions on single line Rev. power (32) shunt trip, etc. 4)Submit cut sheets for fuel cell equipment and 500KVA transformer. 5) Provide "backfeed" signage in service room. 10/16/13 job finalized.				
51904	13A0414	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Provide sequence of operation. 2) Provide "backfeed" signage in service room. 3) Indicate control functions on single line Rev. power (32) shunt trip, etc. 4) Provide cut sheet for fuel cell. 9/25/13 job finalized. 11/19 18 Swap Dwg #A081306-Revision 2 and Dwg A081305-Revision-2.				

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	13A0415	Requested approval for the electric service equipment proposed to be installed	Rejected	\$650.00
1) Verify correct address. 2) Indicate sequence of operation and interlocking. 3) Indicate control functions on single line Rev. power (32) shunt trip, etc. 4) Submit cut sheets for fuel cell equipment and 500KVA transformer. 5) Provide "backfeed" signage in service room. 10/17/13 job finalized.. 11/19/18 1) Cond connected to ss#2-2 is undersized. 10/25/19 1) Provide correction to undersized service conductor feeding SS #2-2.				
51929	13A0441	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Verify correct address. 2) Indicate sequence of operation and interlocking. 3) Indicate control functions on single line Rev. power (32) shunt trip, etc. 4) Submit cut sheets for fuel cell equipment and 500KVA transformer. 5) Provide "backfeed" signage in service room. 10/15/13 job finalized.				
51894	13A0448	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Verify cables and conduits from CT to service switch, and if feeders are run underground. 2) Is corridor used for egress, if yes, doors cannot open outward. 9/23/13 job finalized.				
51898	13A0451	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Emergency side fire pump under fused off service switch #3. 2) Verify that generator and switchgear is located in same enclosure or next to one another. 3) Drawings to match with coordination study. 9/23/13 job finalized. 4/19/16 Swapped drawing A-Revision 4; B-Revision 6; C,D,E-Revision 2; F-Revision 6; G-Revision 3 and H-Revision 4.				
	13A0454	Requested approval for the electric service equipment proposed to be installed	On Hold	\$650.00
1) Modifications in 4000 and 1600 amp service switches not shown on drawing. 2) Bus sizes not shown for 800 and 1200 amp disconnect switches. 3) Breaker types not provided. 4) Provide listing documentation for Chicago switchboard company. 5) Short circuit calculations not provided, incoming AIC not shown. 6) Cut sheet for Eaton combiner box and transformer. 7) Fuse sizes don't match between single line and detail co-gen tap box and CT. 8) Sheffield room layout lacks 5' clearance in front of exist s/s. 9) Missing floor plan on Stark building. 10) Not in Advisory Board format.				

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	13A0456	Requested approval for the electric service equipment proposed to be installed	Denied	\$650.00
<p>1) Provide outdoor substation drawing showing all clearances and entrance and egress doors. 2) Is outdoor substation new or being replaced? 3) Is new service equipment #2 provided with rear hinged doors? 4) Ground jumper and main bonding jumper and grounding electrode conductor installed on load side of neutral link. 5) Size of main bonding jumper not shown. 6) Show how parallel conductors will be terminated in junction box, where is junction box located? 7) Verify raceways for the five sets of 3-500 MCM and 1-250, and splice box size and location. 8) Equipment grounding conductors undersized load side of 1600 amp disconnect switches. 9) How will MI cable be terminated in switches. 10) Site plan to be readable. 11) Coordination study not provided.</p>				
52002	13A0459	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
<p>Provide Bussman fuse or curves. 10/15/13 job finalized.</p>				
51954	13A0461	Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
<p>SANDY 1) Show dimensions of raised platform w/clearances(ship ladder) equipment. 2) Show size of main bonding jumper service 2. 3) Feeders overfused in service 1. 4) Transformer feeder overfused. 10/25/13 Job finalized. 1/6/15 Swapped drawing 3 of 4 Revision 2.</p>				
52241	13A0462	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
<p>1) Provide size of main bonding jumper. 2) Service bus size to 2-600 and 1-1600 amp switch not shown. 3) Feeder conductors on load side of 1600 amp service switch and 800 amp disconnect switch and other normal and emergency feeder sizes not shown. 4) 1 set of 350 fused at 600 amps. 5) Switch drawn backwards. 3/11/14 Rejected Fire pump emergency circuit breaker undersized 150% of FLA. 3/21/14 Job finalized. 5/5/15 Swapped 1,2, and 3 Revision 3s. 8/24/15 Swapped Drawings 1 and 3-Revisions 4. 10/6/15 Swapped drawing 3, Revision 5. No more as built to be resubmitted.</p>				
52166	13A0464	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
<p>1) Verify that freestanding switchgear has rear hinged doors or rear covers have tamper resistant bolts w/signage. 2) Provide size of main bonding jumper. 3) Verify 2 sets of 4-500 in trough, by utility. 4) Fire pump service switch neutral to be bonded. 5) Feeder off 3000 amp service switch not shown. 6) Show method of tapping conductor in the trough, tapped conductors undersized. 7) Verify 700A sq" in distribution board. 8) Trough overfilled 4000 amp feeder and not derated. 10/24/13 Rejected 1) Service switch main bonding jumper 4/) undersize (Article 250.28D). 2) Tap conductors at loadside of 3000A service switch undersized (Article 240.21(B). 3) Main bonding jumper size at fire pump service switch not provided. 4) Method of tapping conductors inside trough not provided. 2/18/14 job finalized.</p>				

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52450	13A0465	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Show bus size feeding 2000 amp disconnect switches. 2) Show types of wiring methods on drawing on emergency feeders. 3) Emergency side fire pump fusing undersized, how will EGC be installed w/MI cable?. 4) Verify conduit fill in conduits. 5) Correct contractor's name in title block. 6) Emergency side fire pump feeder fused twice. 1/13/14 1) Item #1 not addressed. 2) Item #5 not addressed. 6/19/14 Rejected Item #5 not addressed, 4 #2 conductors in 1" conduit. 7/31/14 Job finalized.				
	13A0466	Requested approval for the electric service equipment proposed to be installed	Rejected	\$650.00
1) Gen set cut sheet not provided w/1000 amp breaker, how long is tap to EDP panel, provide main in panel. 2) Disconnect switch for elevator neutral not to be bonded and grounded. 3) Fuse cut-out emergency disconnect means neutral bonded enclosures. 2/24/14 Rejected. Items 2 and 4 not addressed.				
	13A0467	Requested approval for the electric service equipment proposed to be installed	Denied	\$0.00
SANDY 1) Verify that free standing switchboard has rear hinged doors. 2) Service room to be mechanically ventilated. 3) Incorrect contractor's name in title block. 4) Show clearances in service room. 5) Verify if utility or contractor is providing service entrance conductors and type of raceway that will be installed. 6) Show routing of service entrance conductors from SEB to second floor. Show conductor support boxes if needed. 7) Service bus that feeds 2-800 and 1-400 amp service switches undersized. 8) Show point of entry from utility to SEB. 9) Verify conductor fills in conduits. 10) Provide coordination study.				
52276	13A0468	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Show clearance between corners of SEB and 2500 amp main switch. 2) Service entrance to 800 SS and FP SS undersized. 3) 800 amp service switch neutral not bonded and grounded and fire pump service switch to be grounded. 4) Correct contractor's name in title block. 5) Show clearance in front of distribution board #2. N 12/16/13 No revised drawings submitted. 2/27/14 Rejected 1) Item #5 not addressed. 2) Item #2 not corrected 800 + 177 = 977 amps. 4/15/14 Job finalized.				
52198	13A0470	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Gen cut. 2) Remove neutral bonding from two s/s and provide one point bonding at new s/s. 3) ATS to be relocated to allow 3' back clearance. 4) Indicate bonding and supplemental on board. 5) Short circuit is not correct,. 3/10/14 job finalized.				

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51897	13A0471	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Verify that there are no splices in the junction box. 9/23/13 job finalized.				
51859	13A0472	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
52173	13A0475	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Verify sizes of existing service entrance conductors and their fusings. 2) Show clearance in front of 800 amp service switch. 2/20/14 job finalized.				
51860	13A0476	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
3/25/14 Swapped Revision 1. 8/20/15 Swapped Revision, 2.				
51861	13A0477	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
11/24/14 Swapped Revision 1.				
51862	13A0478	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
51934	13A0479	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Show withstand rating of ATS. 10/16/13 job finalized.				

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51945	13A0480	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Show withstand rating of ATS. 10/18/13 job finalized.				
51935	13A0481	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Show withstand rating of ATS. 10/16/13 job finalized.				
51863	13A0482	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
	13A0483	Requested approval for the electric service equipment proposed to be installed	Rejected	\$650.00
1) 3' clearance required in front of CT cabinet Table 110.26 Condition 2. 2) Verify that freestanding switchgear has lockable rear hinged doors. 3) Provide size of main bonding jumper. 4) Clarify number of feeders and raceway types. 5) Provide copy of drawing approval #50407 showing generator feeding multiple buildings. 6. Verify the evaporator is dedicated to service room. 7) Review stopped. 10/21/13 Rejected 1) Feeders to EMDB-BHI overfused. 2) Vertical bus sizes not shown in switchboard. 3) Item #4 not addressed. .				
51930	13A0485	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Provide backfed signage in service room. 2) Remove note that switches are not located in the service room. 10/11/13 job finalized.				
51864	13A0486	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
	13A0487	Requested approval for the electric service equipment proposed to be installed	Rejected	\$650.00
1) Verify that 60 and 200 amp switches contain neutral links. 2) 1 Line does not match physical for 1600 amp distribution board. 10/18/13 1) Item #1 not addressed. 2) Item #2 not addressed distribution reversed, no end box shown.				
51936	13A0488	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
<p>Show location of ATS withstand rating of ATS (normal source) no mfg ATS. 10/16/13 job finalized. 4/7/15 Swapped Drawing Revision 3. With the stipulation: 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. 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. NOTE: Only NRTL authorized manufacturers can build, test, and list the equipment. It is the responsibility of the submitter to ensure. 7/27/15 Swapped, Revision 4</p>				
	13A0493	Requested approval for the electric service equipment proposed to be installed	Pending	\$650.00
Existing feeders overfused.				
51865	13A0496	Requesting permission to not group together service equipment where the service entrance conductors will be installed in concrete encased rigid galvanized conduits that will feed two separate service rooms. The point of entrance will be in the cellar and feed one service room on the 1st floor of one tower and feed the service room on the second floor of the other tower.	Approved	\$0.00
Code: 230.72(A).				

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Approval #	Submission #	Type of Request	Status	Fee
51866	13A0497	Special permission consideration is requested on a one-time, one-location basis to install the NPLFA circuits to the lobby desk location for the fire alarm and FDNY auxiliary radio communication system utilizing the existing EMT raceway between the equipment being powered and the next adjacent junction box on the riser due to hardship created by the decorative finishes of the existing lobby and the limited access due to the railroad tracks underneath. Accessible portions in the below-grade level within eight feet of the finished floor will be replaced with RMC.	Approved	\$0.00
Code: 760.52(A).				
52004	13A0498	Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
Code: 110.2(B)(2) Verify that fire pump feeder was not water damaged, if damaged, provide documentation that conductors were tested.				