

# ADVISORY BOARD CALENDAR

**October 19, 2011**

Calendar #	Submission #	Type of Request	Status	Fee
50715CO		Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
1) Generator neutral to be bonded to enclosure. 2) Verify feeds to emergency panel 3 or 4 wire. Job finalized 10/31/11.				
50860CO		Requested approval for the electric service equipment proposed to be installed	Hold	\$0.00
Carry over from September 14, 2011 meeting. Submittal not in Advisory Board format.				
50869CO		Requested approval for the electric service equipment proposed to be installed	Hold	\$0.00
Carry over from September 14, 2011 meeting. 1) Verify length of tapped conductor, not over 25' to the overcurrent protective device, tap of a tap not acceptable. 2) Advisory Board rules must be followed.				
50887CO		Requested approval for equipment for use in New York City of your Electric heater line for spray booths.	Approved	\$0.00
Carry over from September 14, 2011 meeting.				
50888		Requested approval for the electric service equipment proposed to be installed	Administrative Closure	\$650.00
1) Service entrance conductors undersized. 2) Confirm clearance behind distribution section is less than 12". Job finalized 12/28/11. 5/15/14 Swapped 1 of 2 and 2 of 2 Rev 5's. 3/1/17 Swapped 1 of 2 and 2 of 2, Revision 6s. 6/26/17 Swapped drawing 1 and 2, Revision 6, CH2, No more swaps. 2/21/18 - Void in lieu of 18A0210				



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Calendar #	Submission #	Type of Request	Status	Fee
50889		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Confirm primary switches have adequate closing rating for transformer inrush current. Job finalized 11/30/11.				
50890		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50891		Requested approval for the electric service equipment proposed to be installed	Rejected	\$650.00
Provide neutral bond in service end box. Job finalized 12/15/11. 12/1/15 Rejected. Revision 4 drawings were originally approved. New Rev 4 drawings don't show any revisions. 4/1916 Swapped drawing 1 and 2-Revision 5.				
50892		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
<p>1) Block off rear of service "B". 2) Panel "ADB-B" bus last section undersized. 3) #2 tapped conductor undersized, service "A". 4) Correct designation for FA ATS. 5) Indicate correct location for FA disconnect on 'N' side. 6) Correct feeder size on meter sockets. Job finalized 11/10/11. 9/10/13 Drawings swapped for Rev. 6. 5/28/15 Swapped 1, 2, &amp; 3 Revision 7. With the stipulation:</p> <p>Fire Rated Enclosure's must comply with the following:</p> <ol style="list-style-type: none"> <li>1. A P.E. or R.A. must file a PWI as an AIT 3.</li> <li>2. A Special Inspection TRI form must be submitted by a licensed fire inspection agency to sign off on the fire proofing installation.</li> <li>3. The fire proofing must be performed by a certified fire proofing installer. Fire rated RHH conductors are to be installed as per the manufacturer's installation instructions.</li> </ol>				
50893		Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
1) SS 7B overused for feeder. 2) SMB-4A and SMB 4-C panels do not have mains. 3) Service "A" Trans S cabinet neutrals bonded after service switches. 4) Service "A" equipment grounding conductors to fire pumps are undersized. 5) Provide calculations for reduced neutral. 6) Provide ss for DP-R. maintain code limit on max ss per take off.				



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50894		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50895		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Provide calculations for neutral reduction. Job finalized 11/15/11.				
50896		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Provide wiring method on load side of service switch "3B". 2) Vertical bus load side of 1600 amp service switch undersized,. 3) Confirm coordination with meter banks. 4) Confirm adequacy of closing rating on ssw 2A for transformer inrush current. 5) Confirm serv A service conductors are cable from end box to CT. Job finalized 12/15/11.				
50897		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50898		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00



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Calendar #	Submission #	Type of Request	Status	Fee
50899		Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
1) General notes not on drawing. 2) Incorrect address listed in Title Block. 3) Is job being installed under the 2005 or 2008 Electrical Code? 4) Grounding and bonding not shown. 5) Class R fuse max available size is 600A. 6) Coordination information on drawing w/8 1/2"x11 sheets.				
50900		Requested approval for the electric service equipment proposed to be installed	Ok, but	\$650.00
1) Verify that service room is mechanically ventilated. 2) Confirm wiring trough does not obstruct access to new 2000A switch. 3) Confirm closing rating of 2000A switch is adequate for transformer inrush.				
50901		Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
1) Provide length of tapped conductors. 2) Provide listing documentation of Co-gen units. 3) Confirm clearance between serv D sw and ATS C. 4) Indicate new/exist on single line. 5) Coordination DP-panels sizes. 6) Co-gen units should not have N-G connection. 7) Coordination swbd to correct tap location. 8) Provide sequence of operation w/exist fuel cell.				
50902		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Primary switch undersized. Job finalized 3/28/12.				
50903		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Confirm proper GFP operating w/generator neutral not bonded @ generator. 2) Confirm all existing ATS are 3 pole. Job finalized 3/7/12..				





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Calendar #	Submission #	Type of Request	Status	Fee
50904		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Verify size of service entrance conductors to fire pump service switch. Job finalized 10/31/11				
50905		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Verify that Con Ed is feeding the end box. Job finalized 2/27/12.				
50906		Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
1) Conductors feeding emergency switches are undersized for the OVPD's. 2) Emergency fire alarm switch to be fed from line side of generator main switch. 3) How long is the tapped conductor to service Switch B? 4) Where is new emergency located? 5) Confirm EDPH will not support required life safety loads. 6) Provide plan layout for EDPH.				
50907		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Provide detail of Polaris connectors used in pullbox. 2) Confirm coordination w/KDC breakers. Job finalized 12/5/11.				
50908		Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
1) Clarify section bus location in switchboard. 2) Service bus to 3 600 amp service switches undersized. 3) "Service bus to 1600 amp service switch undersized. 4) Supplemental ground not shown. 5) Feeders to "MDB" board overfused. 6) AIC not shown (meter banks). 7) Short circuit calculations not provided. 8) Neutral link not shown for 600A ss.				



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50909		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50910		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50911		Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
1) Fused disconnect switch required for portable generator. 2) Do rear clearances of new equipment comply with Table 110.34A. 3) Provide power single line. 4) Provide OCP @G3 connection.				
50912		Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
1) Tapped conductor undersized to EDP-C H1. 2) Verify that new equipment has rear doors. 3) Service room door to open outwards 4) Redesignate swbd ESG as "standby". 5) Add GFP to new service switch. 6) Recheck feeder size to 'E' term of ATS. 7) Show N-G bond, modify N-G strap @ TVSS and exist 4000A sw to suit. 8) New ATS to be 4 pole. 9) Correct feeder size for gen. to suit gen. Fla. 10) Indicate OCP for exist SBF.				
50913		Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
Submittal did not contain drawings.				



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Calendar #	Submission #	Type of Request	Status	Fee
50914		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Equipment grounding conductor to fire pump undersized.. Job finalized 12/5/11.				
50915		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Show generator on drawing. Job finalized 11/15/11. 7/31/15 Swapped Drawings 1,2 and 3-Revision 3s. 4/19/16 Swapped drawing 1,2 and 3-Revision 4s.				
50916		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Fire pump branch circuit undersized and not fire rated on load side of service switch. 2) Fire pump service entrance conductors not derated, undersized. Job finalized 12/15/11.				
50917		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Fire pump section bus connected to neutral. 2) Special service fire pump circuit to be ran in rigid galvanized steel or intermediate conduit. Job finalized 12/15/11.				
50918		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00



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Calendar #	Submission #	Type of Request	Status	Fee
50919		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Verify if emergency feeders are being ran through the service room, if yes they must be fire rated. Job finalized 11/21/11.				
50920		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50921		Requested approval for the electric service equipment proposed to be installed	Ok, but	\$650.00
Verify section bus size on far left section of distribution panel.				
50922		Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
1) Drawing not submitted in Advisory Board format. 2) Line side equipment grounding conductor undersized.				
50923		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00





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Calendar #	Submission #	Type of Request	Status	Fee
50924		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Equipment grounding conductor undersized to fire pump. Job finalized 10/31/11.				
50925		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Install new switches so that switches ratings don't exceed 1100 amps. 2) Was new switch installed in ASCO switchgear? Show bus sizes, grounding and bonding. 3) Verify that ATS "B" is not misidentified, normal and emergency. 4) 800 amps fuse on 600 mcm emergency side. Job finalized 11/29/11.				
50926		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
4/18/14 Swapped A-Rev 3 D-Rev 5 ok. Drawing C-Rev 4, B-Rev 6 already swapped 8/14/12.				
50927		Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
1) 5 feet clearance required in rear of 4160V switchgear. 2) 1 line and room layout drawing don't match medium voltage fusing. 3) Parallel conductors minimum size must be 1/0. 4) Verify wire bending radius on medium voltage cables. 5) Provide transformer cut sheet 4160.				
50928		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00



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Calendar #	Submission #	Type of Request	Status	Fee
50929		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Provide neutral bond in 800 amp service switch. 2) Increase the size of neutral bonding jumper.. Job finalized 12/5/11.				
50930		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Verify sizing of the fire pump service conductors and fire pump switch size. 2) Equipment grounding conductor to fire pump undersized. Job finalized 2/27/12.				
50931		Requested approval for the electric service equipment proposed to be installed	Denied	\$650.00
1) 5 sets of 500 MCM fused at 3200 amps are conductors AL or copper. 2) Clarify how many sets of conductors are running from 3200 amp switch to 3200 amp switch. 3) What is the length of the tapped conductors.				
50932		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Verify if pump is limited service on fire pump. 2) Tap if for fire pump can't be made in the same enclosure that contains overcurrent protective devices. Job finalized 11/29/11.				
50933		Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
Submittal not in Advisory Board format.				



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Calendar #	Submission #	Type of Request	Status	Fee
50934		Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50935		Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
<p>1) 1600 amp switchboard undersized for 3-600 amp service switches. 2) Service entrance conductors to service switchboard undersized, 1800 amps of copper required. 3) Neutral disconnect link to be installed on load side of all bonding and grounding. 3) Provide short circuit calculations showing 10 KAIC circuit breakers are acceptable. 4) Service entrance end box bus misidentified as 2000 should be 2800 amps by the size of the bus in the end box.</p>				
50936		Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
<p>1) Describe equipment in front of switchboard. 2) 3 feet needed on sides of switchboards. 3) Show clearances in back of switchboard Table 110.26(A) Condition 3. 4) Provide approved continued drawing 50565 one line for emergency side fusing. 5) Show conductors off of emergency side ATS #9 and panel "EDP-ELB" panel. 6) Provide ground fault indication for emergency switchboard. 7) Neutral disconnect link in emergency board bonded to enclosure on load side of link. 8) Show fire pump utility feed for all fire pumps. 9) Provide physicals for all new distribution boards. 10) Vertical bus in ASCO board not provided.</p>				
50937		Requested approval for the electric service equipment proposed to be installed	Rejected	\$650.00
<p>1) Service room door to open outwards. 2) Load side of fire pump circuits to be fire rated. 3) Load side of fire pump #3 equipment grounding conductor undersized. 4) Emergency fire pump branch circuits not fire rated. 11/18/14 Swap Rejected Equipment grounding conductor undersized for revised. 12/17/15 Swapped drawing FP-Revision 5; AB-1-Revision 4; AB-2-Revision 3 and AB-3-Revision 3. 10/28/16 Rejected . Drawings were revised several times before latest revisions and were not identified on the drawings. Fire rated conductors to be installed as per UL 25A, conduit cannot be used for fire rated conductors, new submittal required.</p>				
50938		Requesting permission to omit disconnecting means for emergency system feeders where the generator is located in a remote building	Approved	\$0.00
<p>With the stipulation that approval from other jurisdictions may apply. Code: 225.32 and 225.34(B).</p>				



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Calendar #	Submission #	Type of Request	Status	Fee
50939		Requesting permission for 34 buildings under going elevator upgrades to allow new unspliced elevator feeders to be run inside of the levator shaftway.	Approved	\$0.00
40-25 and 40-05 College Pt. Blvd., 133-20, 133-40 and 133-50 Roosevelt Ave., Queens; 70, 60, 50, 40, 30, 20 and 10 Paladino Ave., 2370, 2360, 2369, 2375, 2385, 2395 and 2405 First Ave., 2390 and 2400 Second Ave., 350 East 124th St.,Manahttan; 180 Powell St, 131 and 157 Belmont Ave., 365 Sackman St., 130 Third Ave., 185 Nevins St., 272 Wyckoff St., and 447 Kingsborough 4th Walk, Brooklyn; 90, 80 Paladino Ave., 505 and 445 East 120th St., Manhattan. Code: 620.37(c )(1).				
50940		Requesting permission to leave as installed service equipment installed on the outside of a building where one service provides power to a commercial space and the other service provides power to an apartment where there wasn't any indoor space available to install the equipment. Permanent signage will be installed at each service indicating where the other service is located.	Approved	\$0.00
Code 230.70(A)(1)				
50941		Requesting permission to install service equipment outdoors in a Nema 4 weatherproof cabinet that will provide power to a free standing electric sign.	Approved	\$0.00
50942		Requesting permission to omit the laundry area receptacle outlet in 327 apartments where there is no space inside the laundry closet to install the receptacle.	Denied	\$0.00
With the stipulation that the required laundry receptacle is installed on a wall outside closest to the laundry area. Code: 210.11( c)(2) and 210.52(F).				
50943		Requesting permission to install rigid non metallic conduit on the outside of a one family building to power a second floor air conditioner.	Approved	\$0.00
Code: 225.10.				





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Calendar #	Submission #	Type of Request	Status	Fee
50944		Requesting permission to install rigid nonmetallic conduit and PVC coated rigid metallic conduit in a corrosive environment New York aquarium.	Approved	\$0.00
Code: 352.10(B) and 352.10(J)				
50945		Requesting permission to leave as installed existing (9) sets of 500MCM cables between the property line box and the service switchboard. The existing switchboard has (2) 2000A service switches both metered via one Con Ed CT cabinet. The building has subleased the 5th floor and the owner wants to meter their load separately. No additional loads will be added to the building. The existing fuses in both 2000A service switches will be 1500 each. A sign will be added to the front of the service indicating 1500A max fuse size for both service switches. The new service switch will be 400A. Existing service conductors are rated for 3,420 amps and the sum of the service switch fuses will be 3,400 amps.	Hold	\$0.00
Provide load letter from Con Edison. Code: 230.42(A)(2).				
50946		Requesting permission to install a 2500 amp service switch with a front clearance of 48 inches to eliminate an excessive run of service entrance conductors in a 1000 KVA service room	Approved	\$0.00
Code: 230.64(B)(1)				
50947		Requesting permission to add a battery system with an AC inverter which will interconnect with primary power source by means of dedicated ATS' that will provide power to operate the fire alarm system 24 hours in standby mode followed by 45 minutes in full alarm in an existing 10 story class E (old code) office building where the owner wishes to provide emergency operation of the FA system in the event of a power failure.	Approved	\$0.00
With the stipulation that approval from other jurisdictions may apply.				
50948		Requesting permission to leave as installed due to a hardship to replace, AC cable that does not contain an insulated equipment grounding conductor as a wiring method in a place of assembly	Approved	\$350.00



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Calendar #	Submission #	Type of Request	Status	Fee
50949		Requesting permission due to lack of space inside the commercial building to install new service equipment on the outside of the building and not group it together with existing service equipment where signage will be provided at both service locations indicating where the other services are located.	Approved	\$0.00
Code: 230.71(A)(1) and 230.72(A).				
50950		Requesting permission due to lack of space inside of the electrical service room to locate a new 800 amp service approximately 60 feet away to a new electrical service room on the second floor	Approved	\$0.00
Code: 230.70(A)(1).				
50951		Requested approval for equipment for use in New York City of your Spraybooth Product Line	Approved	\$200.00
50952		Requested approval for equipment for use in New York City of your UL 183 Manufactured Wiring Device. Model/Series Numbers: CM 707 Series.	Denied	\$200.00
Article 604 wiring systems are prohibited for under floor installations See, 2008 NYC Amendment 604.1(A)(3).				
50953		Requesting Concept Approval of the electrical room layout	Approved	\$0.00
With the recommendation that two additional doors are installed at the center of the front and back of the customer distribution switchgear.				

