

ADVISORY BOARD CALENDAR

April 15, 2009

Calendar #	Submission #	Type of Request	Status	Fee
49103CO	08A0558CO	Requested approval for the electric service equipment proposed to be installed	Ok, but	\$0.00
Carry over from November 12, 2008 meeting. Verify if 3 or 4 pole ATS are used.				
49184CO	08A0626CO	Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
Carry over from December 10, 2008 meeting.				
49254CO2	09A0051CO2	Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
Carry over from February 11, 2009 meeting.				
49275CO	09A0072CO	Requested approval for the electric service equipment proposed to be installed	Hold	\$0.00
Carry over from February 11, 2009 meeting. 1) 12 sets 4/0 fused at 5000 amps. 2) Show selectivity between service switch #3 and 2000 amp distribution switch.				
49296CO	09A0083CO	Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
Carry over from March 18, 2009 meeting.				

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49319CO	09A0106CO	Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
Carry over from March 18, 2009 meeting. 1) Install barriers on sides of columns to switchgear that are less than 3". 2) Provide rear hinged doors on the switchgear. Job finalized 7/9/09.				
49320CO	09A0107CO	Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
Carry over from March 18, 2009 meeting. 1) Equipment grounding conductor undersized on load side of 1200 amp service switch. 2) Ground lug to be indicated. 3) Provide supplemental ground. Job finalized 6/2/09.				
49349CO	09A0136CO	Requested approval for the electric service equipment proposed to be installed	Hold	\$0.00
Carry over from March 18, 2009 meeting. 1) Load shedding sequence not provided. 2) Provide ground fault protection or all non-life safety loads. 3) The emergency loads must comply with the current codes.				
49382	09A0141	Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
1) Show details for terminating 20 sets in switchboard and ATS. 2) Provide complete submissions for Siemens switchboards. Include bus sizing. 3) Provide short circuit and coordination study.				
49383	09A0142	Requested approval for the electric service equipment proposed to be installed	Ok, but	\$650.00
Grounding electrode conductor for SS#2 to connect to grounding collector bus or direct to water service.				

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49384	09A0143	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
<p>1) Verify available short circuit current at Panel 'A'. 2) Provide cuts on grounding res., GF CT and GF relay. 3) Provide gate in fence near SS#2. 4) Confirm tie switch in 5KV switchgear in N.O. 5) Show existing 5KV loads on 1-Line. 6) Correct key interlock scheme on 1-Line. 7) Maintain max 25ft on length of secondary 5KV feeders from transformers to 5KV switchgear. Job finalized 7/8/09.</p>				
49385	09A0144	Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
<p>1) Describe how medium voltage feeders will be run and what type wiring method will be used. 2) Provide cut sheet of type medium voltage conductor will be used. 3) 1- 1/4x2" undersized for 600 amp medium voltage switch and distribution board. 4) Provide size of neutral bond. 5) Conductors on load side of generator not shown. 6) Describe which type of MI will be used multi conductor or single and how it will be installed triplexed or singular. 7) Neutral bonded on primary side of transformer instead of secondary. 8) FACO 480 volt sides shall be a switch. 9) Jockey pump connection to be made external to fire pump controller. 10) Provide barrier behind SS#1 and 2 and distribution. 11) Line side FACO not bonded.</p>				
49386	09A0145	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
<p>1) Service bus too small as shown to accommodate existing loads. 2) Verify new feeder length within tap rules.</p>				
49387	09A0146	Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
49388	09A0147	Requested approval for the electric service equipment proposed to be installed	Ok, but	\$650.00
<p>1) Service switches remote from the switchboard must be grounded 250.64(D). 2) Provide ground electrode connection for fire pump switch.</p>				

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49389	09A0148	Requested approval for the electric service equipment proposed to be installed	Ok, but	\$650.00
Fire pump service switch to be grounded.				
49390	09A0149	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
49391	09A0150	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
49392	09A0151	Requested approval for the electric service equipment proposed to be installed	Ok, but	\$650.00
1) 400 amp service switch must be grounded. 2) Cable size too small from 400A generator circuit breaker. 3) Verify generator grounding and 3W/4W for 100A ATS.				
49393	09A0152	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00

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49394	09A0153	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
49395	09A0154	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Provide bus size on line side of 4000A service switch. 2) Verify that transformer room is mechanically vented. 3) Provide data on transformer. Show winding connection (delta-Y); grounding. 4) Verify fuse size for transformer inrush. Job finalized 7/29/09.				
49396	09A0155	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Special permission required to add a 7th service switch. 2) Provide short circuit calculations and curves. 3) Details not provided on drawing. Job finalized 9/16/09.				
49397	09A0156	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
49398	09A0157	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00

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49399	09A0158	Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
1) Verify what work is new, what work is existing, and what work will be future. 2) 1 line does not match room layout. 3) What work is electrician who filed drawing doing? 4) Verify 3' clearance in front of FACO box. 5) Provide cope compliant schematic for equipment grounding system for multiple buildings. 6) Locate new fuse cutout in 725 Broadway. 7) Correct Con-Ed service voltage for existing service(typo). 8) Confirm new 4160V generator system is compliant emergency source. 9) key interlocks must be installed.				
49400	09A0159	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
49401	09A0160	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
49402	09A0161	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
49403	09A0162	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Drawing not in Advisory Board format. Breaker info, bus sizes. 2) Someone who knows job to appear at next meeting. Job finalized 5/13/09.				

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Calendar #	Submission #	Type of Request	Status	Fee
49404	09A0163	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Drawing not in Advisory Board format. Breaker info, bus size. Job finalized 6/23/09.				
49405	09A0164	Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
1) Clarify new and existing equipment. 2) Coordinate contract drawings and Eaton drawings.				
49406	09A0165	Requested approval for the electric service equipment proposed to be installed	Ok, but	\$650.00
1) Only generator frame to be grounded. 2) Generator feeder undersized.				
49407	09A0166	Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
1) Verify who will be performing the box bar work inside of the switchgear contractor or switchboard company. 2) Bus additions must be all copper or aluminum.				
49408	09A0167	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Show fire pump branch circuits and fire pump detail. Job finalized 5/13/09.				

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Calendar #	Submission #	Type of Request	Status	Fee
49409	09A0168	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
<p>1) Ground bus to be continuous to all sections of switchboard in MDP-data. 2) Generator feeders undersized to paralleling gear. 3) Secondary of transformers not grounded. 4) Neutrals bonded to enclosure in 30 amp disconnect switches. 5) 480 volt switches to be ground fault protected. 6) Show second fusing off of paralleling gear. 7) Submitted curves do not show selectivity. 6/19/18 1) Coordination study to be signed and sealed by P.E. and to include 1st and 2nd level of OCPD coordination. 2) 4000A BR in "MDP-DATA" doesn't coordinate with 2000A in "PD-UPS". 3) Reflect new changes on EAB one line submittal. 4) Cond. Feeds 30 KVA transformer and 500 KVA transformer from paralleling switchgear are undersized. 5) Provide 2 copy of the new submittal. 6) Equipment grounding cond. (EGC) from 4000A c.b. in "MDP-Data", 100A c.b. in parallel switchgear and from 3000A c.b. in "MDP-Power" are undersized. 7) Verify using 4 pole ATs with non separately driven systems. 12/27/18 1) Item 1 from las revision is partially addressed the two TCCS for 1 and 2nd level of OCPS are not signed and sealed by P.E. and verify if they contain overlap or not. 2) Coordination between 2000A c.B. and downstream 1000 C.B. in "PD-Ups". 3) Provide bonding and grounding to all transformer secondary. 4) Fire alarm, new "EMP-1", "EM-DP-1" and "PD-UPS-1" neutrals are bonded twice in case of using emergency side-SDS generator with 4 pole ATs shall be provided. 5) Comply with code section 215.10-provide ground fault indication. 5/9/2019 1) The code requires GFPI on all effectively grounded wye sys. the transformer is SDS and is not considered to be protected by the up stream device. 2) The ATs shall not be installed in generator room.4/7/2020 Dwg 1 of 2-Rev 1 and Dwg 2of 2-Rev 1.Disclaimer: Please note that Electrical Plan Review (EPR) approval does not eradicate the applicants' liability to all submitted work.</p>				
49410	09A0169	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
<p>1) #1 copper service entrance conductor requires #8 ground. 2) 600 amp fusing requires #1 equipment grounding conductor. 3) Remote service switches to be grounded. Job finalized 5/13/09.</p>				
49411	09A0170	Requested approval for the electric service equipment proposed to be installed	Ok, but	\$650.00
<p>1) Show where existing 3/0 service entrance conductors terminate to. 2) Show where #3 ground terminates to. 3 Remote service switches require grounding conductor. 4) Provide supplemental ground.</p>				
49412	09A0171	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
<p>1) A neutral conductor must be installed in each service switch. 2) Where is ground termed to without a neutral? 3) Explain grounding of service switch. Job finalized 6/2/09.</p>				

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Calendar #	Submission #	Type of Request	Status	Fee
49413	09A0172	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
49414	09A0173	Requested approval for the electric service equipment proposed to be installed	Ok, but	\$650.00
Remote service switches shall be connected to grounding electrode conductor.				
49415	09A0174	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
49416	09A0175	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
49417	09A0176	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
49418	09A0177	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
49419	09A0178	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Ground bus not shown on drawing. 2) Tap conductor to 200 amp disconnect switch is undersized. 3) Service switch remote from switchboard. 4) CT bus feeding fire pump and 2000 amp switch undersized. 5) Bus sizes omitted on drawing . 6) Show clearances in front of switchboard. Job finalized 11/3/10.				
49420	09A0179	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Bus sizes not provided for some switches in 3 new distribution boards. Job finalized 6/22/09.				
49421	09A0180	Requested approval for the electric service equipment proposed to be installed	Ok, but	\$650.00
Fire alarm service switch to be fused cutout.				
49422	09A0181	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
49423	09A0182	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
49424	09A0183	Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
1) Advisory Board submittal on generator switchboard. 2) GFP on generator breakers non-life safety, 1000A and above.				
49425	09A0184	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
49426	09A0185	Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
1) Provide manufacturer's 1-line of 13KV switchgear (PACS). 2) Add fire-rated doors between transformer vaults for 2nd egress.				
49427	09A0186	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Verify front clearance in front of service switch #6 in switchboard C. 2) Special permission needed to install a 7th service switch in switchboard A. 3) Bus undersized for 4000 amp service switch in switchboard B. 4) Provide GFP on 480V switches 1000A plus. 5) Generator neutral to terminate on building steel on water main electrode. 6) Branch circuit to chiller transformer is undersized service A. 7) Verify that ATS room and doors are 2 hour fire rated. 8) Verify that emergency feeders aren't running through the service room. 9) Fire pump branch circuit undersized and conduit undersized. Ok with special permission.				

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Calendar #	Submission #	Type of Request	Status	Fee
49428	09A0187	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
49429		Requesting permission due to lack of space in the service room, to install a 1600 amp service switch in a remote restaurant service room that will provide access to the restaurant for their electrical distribution equipment.	Approved	\$0.00
With the stipulation that signage is provided on each service room door indicating where the other service is located.				
49430		Requesting permission to install a switchboard with a side clearance of 2 feet on a 1000 KVA service.	Approved	\$0.00
49431		Requesting permission to install a service switch with a front clearance of 57 inches on a 1000 KVA service.	Approved	\$0.00
49432		Requesting permission to install 2-60 amp service switches in lieu of a fuse cutout for a fire alarm service one on the normal side and one 20 and one 60 amp off of the paralleling switchgear on a 1000 KVA service.	Denied	\$0.00
Due to installation of a FACO installed on the 120/208 volt side and FA disconnect switch installed on the 277/480V emergency side.				

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Calendar #	Submission #	Type of Request	Status	Fee
49433		Requesting permission to leave as installed due to a hardship to replace AC cable that does not contain an insulated equipment grounding conductor.	Approved	\$350.00
49434		Requesting permission due to a hardship to replace, to leave as installed in a place of assembly AC cable that does not contain an insulated equipment grounding conductor as a wiring method.	Approved	\$350.00
49435		Requesting permission to utilize non-metallic conduit as a wiring method for concrete encased service entrance conductors that will power 6 park houses and outdoor lighting poles throughout a park located above 2 piers in a corrosive area.	Approved	\$0.00
49436		Requesting permission to use a metal water sprinkler pipe located next to the service equipment as grounding electrode instead of the metal domestic water pipe located 300' away from the service equipment.	Denied	\$0.00
49437		Requesting permission due to a water damage to replace a defective CT and 1600 amp service switch fused at 1200 amps, and also replace 3-400 amp and 1-100 amp service switches on a 1000 KVA service without filing Advisory Board drawings.	Denied	\$0.00

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Calendar #	Submission #	Type of Request	Status	Fee
49438		Requesting permission to utilize an existing water pipe riser to ground the secondary of a transformer on the 50th floor of a building that does not have building steel.	Approved	\$0.00
With the stipulation that pumps, valves, and water meters are effectively bonded around any equipment likely to be disconnected for repairs or replacement. A 3/0 grounding jumper shall be installed from the line side of the metal underground water pipe's main valve to the water pipe riser being utilized as the grounding electrode.				
49439		Requesting permission due to lack of space in a 21st floor electrical closet, to allow a one for one replacement of a defective 200 amp, 480 volt disconnect switch that will have a front clearance of 28 inches instead of 36 inches.	Approved	\$0.00
With the stipulation that insulated material is installed on the wall adjacent to the disconnect switch.				
49440		Requesting permission due to lack of space in a 14th floor electrical closet, to allow a one for one replacement of a defective 200 amp, 480 volt disconnect switch that will have a front clearance of 26 inches instead of 36 inches.	Approved	\$0.00
With the stipulation that insulated material is installed on the wall adjacent to the disconnect switch.				
49441		Requesting permission to install submersible luminaires that operate on 120 volt supply circuits where the luminaires contain in-line 120/12 volt step down transformers for fountain lighting.	Denied	\$0.00
49442		Requesting permission due to rigid metal conduits already installed in 10" concrete slabs to allow 3-400 MCM SIMpull THHN conductors to be installed in 2 inch conduits that will result in the conduit having a 46% fill.	Approved	\$0.00

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49443		Requesting permission to replace one for one a 4000 amp service switch without filing full Advisory Board drawings on a 1000 KVA service	Approved	\$0.00
49444	09A0188	Requested approval for use in New York City of your Consolidated Edison CT Cabinet Spec 142: CT-36 and CT-44.	Approved	\$200.00
49445	09A0189	Requested approval for use in New York City of your Con Edison Endboxes Spec #: F-205, F-215, F-484	Approved	\$200.00

