

ADVISORY BOARD CALENDAR

May 19, 2010

Calendar #	Submission #	Type of Request	Status	Fee
44917CO	10A0025CO	Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
Carry over from January 13, 2010 meeting.				
49871CO2	09A0512CO2	Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
<p>Carry over from March 17, 2010 meeting. 1) Show clearance details of bus duct to fire enclosure. 2) Provide cut sheets of materials be used for fire ratings. Job finalized 9/24/10</p> <p>5/23/2017 - verify that FP Conductor are 2hr fire rated. 2) Fix typo of cond to ATS-LS from MDB-B. 8/2/17 - swap dwg 1-4 rev 11 8/8/18- 1) Remove bonding & grounding from F.A. sws-emergency side. 9/21/18 1) Verify bonding and grounding of F.A. transformer secondary. 2) Comply with 700.10(E)(2). 10/11/18 1) Remove 2nd bonding of F.A. sw. 2) Comply with 240.21(B) for tap cond feeds existing medical gas alarm panel-tap of a tap. 3) For emergency power conduits with 2 hr fire rated separation run in the main electric room you may request a special permission. Please note that sp approved is not granted. 4) EGC of 30A disconnect switch feeds medical gas alarm and "FAFCOP" are undersized. 7/8/19 1) Incoming service conductor are undersized or confirm if 12 sets as per floor plan. 2) Conductors off 4000A breaker and feed 1000KVA transformer are undersized-service "B". 3) Provide coordination between 3500KPPC & downstream breaker 1600A-service "A". 4) Confirm required clearance to 30A 600V fused disconnect switch for medical gas alarm panel. 1/30/2020 Swap Dwg # 1 of 4 Rev-16, 2 of 4 Rev-16, 3 of 4 Rev-16, 4 of 4 Rev-16. Disclaimer: Please note that Swap approval is only for new changes to original approved DWG as noted or marked on the updated DWG. It is the applicant's responsibility to clearly mark and note all changes to original approved DWGs.</p>				
49942CO	10A0043CO	Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
Carry over from February 10, 2010 meeting. Delete GFP on all emergency breakers. Job finalized 9/20/10.				
50036CO	10A0106CO	Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
Carry over from April 14, 2010 meeting.				

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50068CO	10A0138CO	Requested approval for the electric service equipment proposed to be installed	Approved	\$0.00
Carry over from April 14, 2010 meeting. 1) Provide Russell paralleling physical drawings. 2) items 7,8,9, and 10 not addressed from last meeting. 3) Neutral link not addressed from last meeting. 3) Neutral link not show on Russell switchgear 1 line. 4) Fire pump feed off of Russell Board shall be tapped from the line side feed on the board as per 695.3A. Job finalized 8/6/12.				
50079	10A0141	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Delete 30A switch for F.A. system on load side of 80A-3P ATS. 2) Show grounding on F.A. transformer. Job finalized 11/19/10.				
50080	10A0142	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Service entrance conductors to service Switch #6 not identified. Finalized 6/4/10.				
50081	10A0143	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Service entrance conductors undersized. 2) Bus size or service Switch #2 not shown. 3) Future disconnect switch for Store #2 not identified. 4) Coordination-SS#5 1200A-400A. Job finalized 6/4/10.				
50082	10A0144	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Indicate make, model & breaker, type; ratings for "store panel". Job finalized 6/7/10.				

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50083	10A0145	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50084	10A0146	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50085	10A0147	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50086	10A0148	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Job finalized 6/7/10.				
50087	10A0149	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
50088	10A0150	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Fire pump branch circuit to be fire rated. 2) Verify size of vertical bus feeding 800 amp service switches. 3) Verify grounding frames of disconnect switches. 4) Rear accessible switchboard requires 36" clear both sides. Job finalized 10/28/10.				
50089	10A0151	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Neutral disconnect link not provided in new 1200 amp service switch. 2) Generator disconnect switch drawn backwards. 3) Remove neutral bond in 1200A generator disconnect switch. Only 1 bond permitted-use Con Ed neutral bond. Job finalized 6/22/10.				
50090	10A0152	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Verify size EGC's on line side of service switch. 2) Provide all bus sizes on load side of CT and in the new board. 3) FCO to be changed to switches. 4) Verify if ATS are 3 or 4 pole. Job finalized 7/30/10.				
50091	10A0153	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50092	10A0154	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
50093	10A0155	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Clarify double grounded neutral. 2) Show bus details on single line. 3) Indicate equipment maintained by qualified personnel. Job finalized 6/29/11.				
50094	10A0156	Requested approval for the electric service equipment proposed to be installed	Ok, but	\$650.00
1) Provide secondary main on 500 KVA transformer-(Exceeds 6 devices). 2) Secondary transformer feeder undersized. 3) Provide information on existing 1200A distribution switchboard downstream of 1200A ATS.				
50095	10A0157	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
Neutral bonded in new 1200 amp disconnect switch and all other disconnect switches. Job finalized 6/7/10.				
50096	10A0158	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50097	10A0159	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
50098	10A0160	Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
1) Provide sequence of operation. 2) Verify transformer configuration Y-Y or delta-Y? Provide manufactured cuts. 3) Have engineer appear at next meeting.				
50099	10A0161	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Is building residential or commercial? 2) Verify if fire pump is special or limited type. Where is the pump located? 3) Manual fire pump branch circuit is undersized.				
50100	10A0162	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50101	10A0163	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50102	10A0164	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00

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50103	10A0165	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50104	10A0166	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50105	10A0167	Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
1) Physical of GE board not submitted. 2) No ground fault provided on 2000 amp switches. 3) Floor plan not submitted. 4) Are ATS' 3 or 4 pole. 5) Coordination study not provided. 6) 1-Line drawings not complete. 7) No short circuit information provided. 8) Does emergency board feed life safety. 9) No ground fault indication provided.				
50106	10A0168	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50107	10A0169	Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
1) Bus sizes not provided on 1-line drawing. 2) Fusing in 400 amp service switches to be derated. 3) Generator neutrals to be bonded to enclosure and grounded to building steel, water ground electrode to be grounded to building steel. 4) Fire pump and service switch not shown on drawing. 5) Physical doesn't match 1 line.				

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50108	10A0170	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50109	10A0171	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
1) Verify that service room is fire rated. 2) Provide conductor size on load side of service Switch #2. 3) Neutral conductor not provided in fire pump service switch. 4) Provide bus size to 1200 amp disconnect switch. Job finalized 6/4/10.				
50110	10A0172	Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
1) Service entrance not shown. 2) Service entrance conductors feeding 4000 amp service switch are undersized. 3) 4000 amp service switch neutral not bonded. 4) Load side of 5000 and 2-400 amp service switches not shown. 6) 1 Line does not match room layout equipment. 7) Physical not provided.				
50111	10A0173	Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
1) Fence enclosure to comply with Section 110.31, and be properly grounded. 2) Conductors outdoors on poles to comply with Section 225.60 and 225.61, verify and add note on drawing. 3) 120/208 and 480/277 transformer secondaries not ground and bonded in 1200 and 4000 amp switches neutral links not provided. 4) 480 volt switches to be ground fault protected. 5) Outdoor equipment to have rear hinged doors. 6) Review transformer design. 7) Provide coordination study.				
50112	10A0174	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
50113	10A0175	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50114	10A0176	Requested approval for the electric service equipment proposed to be installed	Denied	\$650.00
1) Service entrance conductors undersized for 2500 amp frame of service switch. 2) Neutral link not allowed in series with main bonding jumper. 3) Neutral link not provided in 2500 amp service switch. 4) Emergency side fire alarm switch neutral bonded to enclosure. 5) Cut sheets of Square D MGP equipment not provided. 6) No disconnect switch provided on generator.				
50115	10A0177	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50116	10A0178	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50117	10A0179	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
50118	10A0180	Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
<p>1) Provide manufacturers cut sheet of fire pump controller showing how it is listed, service switch feeds direct connect fire pump. 2) Fire pump switch not grounded. 3) Normal side fire alarm switch tapped on line side of C.T. 4) Remove neutral bond in 30 amp fire alarm switch on the emergency side. 5) Equipment grounding conductors undersized for 800 amp fusing. 6) Size on main bonding jumper not provided. 7) Provide generator cut sheet showing switchgear as a listed assembly. 8) Fire alarm ATS room layout is this correct?</p>				
50119	10A0181	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
<p>1) Correct voltage typos. 2) Is equipment rated for outdoors? Job finalized 7/26/10.</p>				
50120	10A0182	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50121	10A0183	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50122	10A0184	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
50123	10A0185	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50124	10A0186	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50125	10A0187	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50126	10A0188	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50127	10A0189	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
50128	10A0190	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50129	10A0191	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50130	10A0192	Requested approval for the electric service equipment proposed to be installed	Hold	\$650.00
1) Clearances behind medium voltage switchgear to comply with Table 110.34(A). 2) Concrete pads behind switchgear do not show clearances between pads and walls. 3) Switchboard rooms to be ventilated. 4) Ground fault protection of equipment not provided. 5) Review not completed, designer and engineer to appear at meeting to explain the job details.				
50131	10A0193	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00
50132	10A0194	Requested Concept Approval for	Approved	\$0.00

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Calendar #	Submission #	Type of Request	Status	Fee
50133		Requesting permission due to past corrosion problems to install rigid non metallic conduit exposed to power five lighting fixtures located in a vaulted area under the side walk.	Denied	\$0.00
50134		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
50135		Requesting permission to replace a water damaged combination CT/5000 amp service switch with new containing ground fault protection on a 1000 KVA service without filing Advisory Board drawings.	Approved	\$0.00
50136		Requesting permission to tap power to supply a fire pump from the load side of a CT located in the same cubicle as a service switch due to Con-ED having to replace the 5-way crab connectors in the street.	Denied	\$0.00
50137		Requesting permission to leave one means of egress to a 1000 KVA service room and to allow service entrance conductors to be extended by high-pressure connectors to comply with 4/14/2010 Advisory Board comments.	Approved	\$0.00

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Calendar #	Submission #	Type of Request	Status	Fee
50138		Requesting permission on a 1000 KVA service to replace a portion of a defective bus duct that was directly connected to the load side of a 4000 amp service switch by running 10 sets of 600 MCM copper conductors to a cable tap box to feed the replacement bus duct without filing Advisory Board drawings.	Approved	\$0.00
50139		Requesting permission on a like and kind feeder replacement to fuse 3 sets of 500 MCM copper conductors at 1200 amps and to not provide panic bars on the existing double doors to the service room.	Approved	\$350.00
50140		Requesting permission to replace a defective water damaged service bus duct with new as required in Section 368.119(c) manufactured by Lincoln Electric products on a 1000 KVA service without filing Advisory Board drawings.	Denied	\$0.00
50141		Requesting permission to ground two elevator transformer secondary's to concrete encased steel rebar in 2 locations in a building that does not contain building steel	Denied	\$350.00
50142		Requesting permission to allow 6'3" headroom instead 6'6" due to an existing structure design above the replacement service.	Approved	\$0.00

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Calendar #	Submission #	Type of Request	Status	Fee
50143		Requesting permission to approve a circuit breaker panel with an aluminum back box, cover and internal supports that was specially designed by a listed switchboard manufacturer, tested for use in a MRI/OR but is not listed to UL standards.	Denied	\$0.00
Awaiting letter from Siemens to send out to board members.				
50144		Requesting permission to install listed insulating bushings on conduit ends, drill and tap 1/4" holes into each conduit to fasten mechanical lugs that will be used to terminate equipment grounding conductors to equipment enclosures on a job where it will be devastating to shut down production.	Denied	\$350.00
50145		Requesting permission to leave as installed and to allow future 2 family homes for the Spring Creek home project to not group the PLP service switch with other 2 service switches where signage will be provided at the buildings entrance indicating that the PLP service switch is located indoors behind the top meter.	Approved	\$350.00
50146		Requesting permission due to lack of space inside of the service room to install a 200 amp service switch in the adjacent room and provide signage at each service location indicating where the other services are located.	Approved	\$0.00
50147	10A0195	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00

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50148	10A0196	Requested approval for the electric service equipment proposed to be installed	Approved	\$650.00

