

## Appendix EE.07 – Geologic Resources

---

Geography		Affected Environment																						
		Existing NEC including Hartford/Springfield Line										Preferred Alternative												
		Presence or Absence					Quantity					Presence or Absence					Quantity							
State	County	Seismic Hazards	Sole Source Aquifers	Karst Terrain	Naturally Occurring Asbestos	Acid Producing Soils	Landslide Susceptibility	Mineral Resources - Producer	Mineral Resources - Occurrence	Mineral Resources - Plant	Mineral Resources - Inactive Producer	Active Mines	Seismic Hazards	Sole Source Aquifers	Karst Terrain	Naturally Occurring Asbestos	Acid Producing Soils	Landslide Susceptibility	Mineral Resources - Producer	Mineral Resources - Occurrence	Mineral Resources - Plant	Mineral Resources - Inactive Producer	Active Mines	
DC	District of Columbia					X					2						X						2	
MD	Prince George's County					X					4						X						4	
MD	Anne Arundel County					X					3						X						3	
MD	Howard County					X											X							
MD	Baltimore County					X	X				5			X			X	X		1			10	
MD	Baltimore City				X	X	X		1	1	1				X		X	X		2	1	1		
MD	Harford County					X	X	1						X			X	X		1			4	
MD	Cecil County					X	X	1			1						X	X		4	2		3	2
DE	New Castle County		X			X	X			1				X			X	X				1		
PA	Delaware County		X			X	X							X			X	X						
PA	Philadelphia County	X	X			X	X						X	X			X	X					1	
PA	Bucks County	X	X			X	X	1			1		X	X			X	X		1			1	
NJ	Burlington County																							
NJ	Mercer County	X	X			X							X	X			X					1		
NJ	Middlesex County	X	X			X		1			5	1	X	X			X			1			5	1
NJ	Somerset County																							
NJ	Union County	X						1					X							1				
NJ	Essex County	X									1		X										1	
NJ	Hudson County	X			X			2					X			X				2				
NJ	Bergen County																							
NY	New York County	X	X										X	X										
NY	Kings County	X	X										X	X			X							
NY	Queens County	X	X			X							X	X			X							
NY	Bronx County	X											X											
NY	Westchester County	X											X											
CT	Fairfield County	X								1	6		X								1		7	
CT	New Haven County	X						1		1	10		X							1		1	10	
CT	Middlesex County																							
CT	Hartford County					X				1	5							X				1	5	
CT	New London County		X								4			X									9	
RI	Washington County		X					1			4	1		X						2			4	1
RI	Kent County		X								1			X									1	
RI	Providence County																							
MA	Bristol County		X					1			1			X						1			1	
MA	Norfolk County	X	X						1		1		X	X						1			1	
MA	Middlesex County																							
MA	Hampden County					X	1				1						X		1				1	
MA	Suffolk County	X				X							X				X							
DC	Total	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0	2	0	
MD	Total	0	0	0	1	7	4	2	1	1	14	0	0	0	2	1	7	4	6	4	1	25	2	
DE	Total	0	1	0	0	1	1	0	0	1	0	0	0	1	0	0	1	1	0	0	1	0	0	
PA	Total	2	3	0	0	3	3	1	0	0	1	0	2	3	0	0	3	3	1	0	0	2	0	
NJ	Total	5	2	0	1	2	0	4	0	0	6	1	5	2	0	1	2	0	4	0	1	6	1	
NY	Total	5	3	0	0	1	0	0	0	0	0	0	5	3	0	0	2	0	0	0	0	0	0	
CT	Total	2	1	0	0	0	1	1	0	3	25	0	2	1	0	0	0	1	1	0	3	31	0	
RI	Total	0	2	0	0	0	0	1	0	0	5	1	0	2	0	0	0	0	2	0	0	5	1	
MA	Total	2	2	0	0	0	2	2	1	0	3	0	2	2	0	0	0	2	2	1	0	3	0	
Grand Total		16	14	0	2	15	11	11	2	5	56	2	16	14	2	2	16	11	16	5	6	74	4	

Geography		Environmental Consequences																					
		Existing NEC including Hartford/Springfield Line										Preferred Alternative											
		Presence or Absence					Quantity					Presence or Absence					Quantity						
State	County	Seismic Hazards	Sole Source Aquifers	Karst Terrain	Naturally Occurring Asbestos	Acid Producing Soils	Landslide Susceptibility	Mineral Resources - Producer	Mineral Resources - Occurrence	Mineral Resources - Plant	Mineral Resources - Inactive Producer	Active Mines	Seismic Hazards	Sole Source Aquifers	Karst Terrain	Naturally Occurring Asbestos	Acid Producing Soils	Landslide Susceptibility	Mineral Resources - Producer	Mineral Resources - Occurrence	Mineral Resources - Plant	Mineral Resources - Inactive Producer	Active Mines
DC	District of Columbia					X											X						
MD	Prince George's County					X											X						
MD	Anne Arundel County					X											X						
MD	Howard County																						
MD	Baltimore County					X	X										X	X					
MD	Baltimore City					X	X			1							X	X			1		
MD	Harford County					X	X							X			X	X					
MD	Cecil County					X	X										X	X					
DE	New Castle County		X			X	X			1				X			X	X			1		
PA	Delaware County		X			X								X			X	X					
PA	Philadelphia County	X	X			X							X	X			X	X					
PA	Bucks County	X	X			X	X						X	X			X	X					
NJ	Burlington County																						
NJ	Mercer County	X	X			X							X	X			X						
NJ	Middlesex County	X	X			X							X	X			X						
NJ	Somerset County																						
NJ	Union County	X											X										
NJ	Essex County	X											X										
NJ	Hudson County	X											X										
NJ	Bergen County																						
NY	New York County	X											X	X									
NY	Kings County												X	X									
NY	Queens County	X	X			X							X	X			X						
NY	Bronx County	X											X										
NY	Westchester County	X											X										
CT	Fairfield County	X											X										
CT	New Haven County	X									1		X									1	
CT	Middlesex County																						
CT	Hartford County						X				1							X				1	
CT	New London County		X								1			X								1	
RI	Washington County		X											X									
RI	Kent County		X											X									
RI	Providence County																						
MA	Bristol County																						
MA	Norfolk County	X	X										X	X									
MA	Middlesex County																						
MA	Hampden County						X											X					
MA	Suffolk County	X					X						X					X					
DC	Total	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
MD	Total	0	0	0	0	6	4	0	0	1	0	0	0	0	1	0	6	4	0	0	1	0	0
DE	Total	0	1	0	0	1	1	0	0	1	0	0	0	1	0	0	1	1	0	0	1	0	0
PA	Total	2	3	0	0	3	1	0	0	0	0	0	2	3	0	0	3	3	0	0	0	0	0
NJ	Total	5	2	0	0	2	0	0	0	0	0	0	5	2	0	0	2	0	0	0	0	0	0
NY	Total	4	1	0	0	1	0	0	0	0	0	0	5	3	0	0	1	0	0	0	0	0	0
CT	Total	2	1	0	0	0	1	0	0	0	3	0	2	1	0	0	0	1	0	0	0	3	0
RI	Total	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
MA	Total	2	1	0	0	0	2	0	0	0	0	0	2	1	0	0	0	2	0	0	0	0	0
Grand Total		15	11	0	0	14	9	0	0	2	3	0	16	13	1	0	14	11	0	0	2	3	0

Geography		Station			Presence or Absence					Quantity					
State	County	ID	Name	Type	Seismic Hazards	Sole Source Aquifers	Karst Terrain	Naturally Occurring Asbestos	Acid Producing Soils	Landslide Susceptibility	Mineral Resources - Producer	Mineral Resources - Occurrence	Mineral Resources - Plant	Mineral Resources - Inactive Producer	Active Mines
DC	Washington, D.C.	1	Washington Union	Existing					X						
MD	Prince George's	2	New Carrollton	Existing					X						
MD	Prince George's	3	Seabrook	Existing					X						
MD	Prince George's	4	Bowie State	Existing					X						
MD	Anne Arundel	5	Odenton	Modified					X						
MD	Anne Arundel	6	BWI Airport	Existing					X						
MD	Baltimore County	7	Halethorpe	Existing					X						
MD	Baltimore City	8	West Baltimore	Existing											
MD	Baltimore City	10	Baltimore Penn Station	Existing					X						
MD	Baltimore City	13	Bayview	New					X	X					
MD	Baltimore County	15	Martin Airport	Existing					X	X					
MD	Harford	16	Edgewood	Existing					X						
MD	Harford	17	Aberdeen	Existing					X						
MD	Cecil	22	Perryville	Existing						X					
MD	Cecil	23	Elkton	New					X	X					
DE	New Castle	24	Newark, DE	Existing					X	X					
DE	New Castle	25	Churchman's Crossing	Existing					X	X					
DE	New Castle	26	Newport	New					X	X					
DE	New Castle	27	Wilmington	Existing					X	X					
DE	New Castle	28	Edgemoor	New		X			X	X					
DE	New Castle	29	Claymont	Existing		X			X	X					
PA	Delaware	30	Marcus Hook	Existing		X			X						
PA	Delaware	31	Highland Avenue	Existing		X			X						
PA	Delaware	32	Chester	Existing		X			X						
PA	Delaware	34	Baldwin	New		X			X						
PA	Delaware	33	Eddystone	Existing		X			X						
PA	Delaware	35	Crum Lynne	Existing		X			X						
PA	Delaware	36	Ridley Park	Existing		X			X						
PA	Delaware	37	Prospect Park	Existing		X			X						
PA	Delaware	38	Norwood	Existing					X						
PA	Delaware	39	Glenolden	Existing					X						
PA	Delaware	40	Folcroft	Existing					X						
PA	Delaware	41	Sharon Hill	Existing					X						
PA	Delaware	42	Curtis Park	Existing					X						
PA	Delaware	43	Darby	Existing					X						
PA	Delaware	44	Philadelphia Airport	New		X			X	X					
PA	Philadelphia	45	Philadelphia 30th St	Existing					X						
PA	Philadelphia	47	North Philadelphia	Existing					X						
PA	Philadelphia	48	Bridesburg	Existing		X			X						
PA	Philadelphia	50	Tacony	Existing		X			X						
PA	Philadelphia	51	Holmesburg Junction	Existing		X			X						
PA	Philadelphia	52	Torresdale	Existing	X	X			X						
PA	Bucks	53	Cornwells Heights	Existing	X	X			X	X					
PA	Bucks	54	Eddington	Existing	X	X			X						
PA	Bucks	55	Croyton	Existing	X	X			X	X					
PA	Bucks	56	Bristol	Existing	X	X			X	X					
PA	Bucks	57	Levittown	Existing	X	X			X	X					
NJ	Mercer	58	Trenton	Existing	X	X			X						
NJ	Mercer	60	Hamilton	Existing	X	X			X						
NJ	Mercer	61	Princeton Junction	Modified	X	X			X						
NJ	Middlesex	62	North Brunswick	New	X				X						

Geography		Station			Presence or Absence						Quantity				
State	County	ID	Name	Type	Seismic Hazards	Sole Source Aquifers	Karst Terrain	Naturally Occurring Asbestos	Acid Producing Soils	Landslide Susceptibility	Mineral Resources - Producer	Mineral Resources - Occurrence	Mineral Resources - Plant	Mineral Resources - Inactive Producer	Active Mines
NJ	Middlesex	63	Jersey Avenue	Existing	X				X						
NJ	Middlesex	64	New Brunswick	Modified	X				X						
NJ	Middlesex	65	Edison	Existing	X										
NJ	Middlesex	66	Metuchen	Existing	X				X						
NJ	Middlesex	67	Metropark	Existing	X										
NJ	Middlesex	68	Metropark H.S.	New	X										
NJ	Union	69	Rahway	Existing	X										
NJ	Union	70	Linden	Existing	X										
NJ	Union	71	Elizabeth	Existing	X										
NJ	Union	72	North Elizabeth	Existing	X										
NJ	Essex	73	Newark Airport	Existing	X										
NJ	Essex	74	Newark Penn Station	Existing	X										
NJ	Hudson	76	Secaucus	Modified	X										
NY	New York	77	Penn Station New York	Existing	X										
NY	Bronx	78	Hunts Point	New	X										
NY	Bronx	79	Parkchester	New	X										
NY	Bronx	80	Morris Park	New	X										
NY	Bronx	81	Co-op City	New	X										
NY	Westchester	82	New Rochelle	Existing	X										
NY	Westchester	83	Larchmont	Existing	X										
NY	Westchester	84	Mamaroneck	Existing	X										
NY	Westchester	85	Harrison	Existing	X										
NY	Westchester	86	Rye	Existing	X										
NY	Westchester	87	Cross-Westchester	New	X										
NY	Westchester	88	Port Chester	Existing	X										
CT	Fairfield	89	Greenwich	Existing	X										
CT	Fairfield	90	Cos Cob	Existing	X										
CT	Fairfield	91	Riverside	Existing	X										
CT	Fairfield	92	Old Greenwich	Existing	X										
CT	Fairfield	93	Stamford	Existing	X										
CT	Fairfield	94	Stamford H.S.	New	X										
CT	Fairfield	95	Noroton Heights	Existing	X										
CT	Fairfield	96	Darien	Existing	X										
CT	Fairfield	97	Rowayton	Existing	X										
CT	Fairfield	98	South Norwalk	Existing	X										
CT	Fairfield	99	East Norwalk	Existing	X										
CT	Fairfield	100	Westport	Existing	X										
CT	Fairfield	101	Greens Farms	Modified	X										
CT	Fairfield	102	Southport	Existing	X										
CT	Fairfield	103	Fairfield	Existing	X										
CT	Fairfield	104	Fairfield Metro	Existing	X										
CT	Fairfield	105	Bridgeport	Existing	X										
CT	Fairfield	107	Barnum	New	X										
CT	Fairfield	108	Stratford	Existing	X										
CT	New Haven	109	Milford	Existing											
CT	New Haven	189	Orange	New											
CT	New Haven	110	West Haven	Existing											
CT	New Haven	111	New Haven Station	Existing											
CT	New Haven	113	New Haven State Street	Existing											
CT	New Haven	114	Branford	Existing											
CT	New Haven	115	Guilford	Existing											

Geography		Station			Presence or Absence						Quantity				
State	County	ID	Name	Type	Seismic Hazards	Sole Source Aquifers	Karst Terrain	Naturally Occurring Asbestos	Acid Producing Soils	Landslide Susceptibility	Mineral Resources - Producer	Mineral Resources - Occurrence	Mineral Resources - Plant	Mineral Resources - Inactive Producer	Active Mines
CT	New Haven	116	Madison	Existing											
CT	Middlesex	117	Clinton	Existing											
CT	Middlesex	118	Westbrook	Existing											
CT	Middlesex	119	Old Saybrook	Existing											
CT	New London	121	New London	Existing											
CT	New London	122	Mystic	Existing											
CT	New London	124	Mystic / New London H.S.	New											
RI	Washington	123	Westerly	Existing		X									
RI	Washington	125	Kingston	Existing		X									
RI	Washington	126	Wickford Junction	Existing		X									
RI	Kent	127	TF Green	Modified											
RI	Providence	128	Providence	Existing											
RI	Providence	130	Pawtucket	New											
MA	Bristol	131	South Attleboro	Existing											
MA	Bristol	132	Attleboro	Existing											
MA	Bristol	133	Mansfield	Existing											
MA	Norfolk	134	Sharon	Existing	X										
MA	Norfolk	135	Canton Junction	Existing	X										
MA	Norfolk	136	Rte 128	Existing	X										
MA	Suffolk	137	Readville	Existing	X										
MA	Suffolk	138	Hyde Park	Existing	X										
MA	Suffolk	139	Forest Hills	Existing	X					X					
MA	Suffolk	140	Ruggles	Existing	X					X					
MA	Suffolk	141	Back Bay	Existing	X					X					
MA	Suffolk	143	Boston South Station	Existing	X					X					
CT	New Haven	157	North Haven	New											
CT	New Haven	184	Wallingford	Existing											
CT	New Haven	185	Meriden	Existing											
CT	Hartford	160	Berlin	Existing											
CT	Hartford	161	Newington	New											
CT	Hartford	186	West Hartford	New						X					
CT	Hartford	163	Hartford	Modified						X					
CT	Hartford	168	Windsor	Existing						X					
CT	Hartford	169	Windsor Locks	Existing						X					
CT	Hartford	187	Enfield	New						X					
MA	Hampden	170	Springfield	Existing						X					