DUKE ENERGY OHIO

4901:5-5-04(D)(1)(b)

FORM FE-T8: SUMMARY OF EXISTING SUBSTATIONS

SUBSTATION TYPE\* VOLTAGE(S) LINE LINE EXISTING OR

NAME (KV) NAME NUMBER PROPOSED

AK Steel 1C T 138 Todhunter-AK Steel 1C 5686 Existing

(customer owned except Dicks Creek-AK Steel 1C 1985 Existing

metering & relays)

AK Steel 606 T 138 Garver-AK Steel 606 7583 Existing

(customer owned except

metering & relays)

Ashland T&D 138 Ashland-Whittier 1180 Existing

Central-Ashland 3985 Existing

Red Bank-Ashland 7484 Existing

Beckett D 138 Port Union-Todhunter 3888 Existing

Beckjord T 138 Oakley-Beckjord 886 Existing

Beckjord-Silver Grove 1880 Existing

Beckjord-Red Bank 1883 Existing

Beckjord-Tobasco 1885 Existing

Beckjord-Pierce 1887 Existing

Beckjord-Pierce 1889 Existing

Remington-Beckjord 9482 Existing

Beckjord-Wilder 1881 Existing

Wilder-Beckjord 5988 Existing

Summerside-Beckjord 6984 Existing

Bethany D 138 Foster-Shaker Run 5485 Existing

BREC Huston T 138 Trenton-College Corner 3281 Existing

Brighton D 69 Mitchell-Brighton 1263 Existing

Wilder-Brighton 2166 Existing

Brown D 138 Brown-Stuart 5886 Existing

Brown-Eastwood 5884 Existing

Carlisle D 138 Garver-Carlisle 7582 Existing

Cedarville D 138 Foster-Cedarville 5489 Existing

Cedarville-Ford-Batavia 2986 Existing

Central T&D 138 Mitchell-Central 1288 Existing

Central-Oakley 3981 Existing

Central-Ashland 3985 Existing

Charles T&D 138 Charles-West End 1385 Existing

Charles-West End 1389 Existing

Rochelle-Charles 8283 Existing

Cinti. M.S.D. T 138 West End -South Fairmount 1581 Existing

City of Hamilton T 138 Port Union-City of Ham. 3889 Existing

Fairfield-City of Hamilton 5781 Existing

Clinton County D 138 Warren-Clinton Co. 2381 Existing

Collinsville D 138 Trenton-Collinsville 3281 Existing

Collinsville-College Corner 9085 Existing

Columbia D 138 Foster-Warren 5484 Existing

Cooper D 138 Red Bank-Terminal 7481 Existing

Cornell D 138 Red Bank-Terminal 7481 Existing

Port Union-Summerside 3881 Existing

Cumminsville D 138 Mitchell-South Fairmount 1286 Existing

Deer Park D 138 Red Bank-Terminal 7481 Existing

\* DISTRIBUTION(D) TRANSMISSION(T)

DUKE ENERGY OHIO

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FORM FE-T8: SUMMARY OF EXISTING SUBSTATIONS

SUBSTATION TYPE\* VOLTAGE(S) LINE LINE EXISTING OR

NAME (KV) NAME NUMBER PROPOSED

Dicks Creek T 138 Todhunter-Dicks Creek 5682 Existing

Dicks Creek-AK Steel 1985 Existing

Dimmick D 138 Foster-Port Union 5483 Existing

Eastwood D 138 Brown-Eastwood 5884 Existing

Eastwood- Half Acre 8481 Existing

Hillcrest-Eastwood 8887 Existing

Ebenezer D 138 Terminal-Ebenezer 1783 Existing

Ebenezer-Miami Fort 6885 Existing

Elmwood D 138 Elmwood-Lateral 684 Existing

Elmwood-Terminal 689 Existing

Enyart D 138 Foster-Remington 5487 Existing

Evendale T&D 138 Evendale-Port Union 4683 Existing

Evendale-Terminal 4685 Existing

Fairfield T&D 138 Fairfield-Morgan 5783 Existing

Port Union-Fairfield 3885 Existing

Fairfield-City of Hamilton 5781 Existing

Port Union-Fairfield 3886 Existing

Willey-Fairfield 9782 Existing

Feldman D 138 Remington-Beckjord 9482 Existing

Finneytown D 138 Willey-Terminal 9787 Existing

Ford-Batavia T&D 138 Cedarville-Ford-Batavia 2986 Existing

Ford-Batavia-Half Acre 22685 Existing

Foster T 345 & 138 Foster-Port Union 5483 Existing

Foster-Warren 5484 Existing

Foster-Shaker Run 5485 Existing

Foster-Remington 5487 Existing

Foster-Cedarville 5489 Existing

Pierce-Foster 4502 Existing

Hillcrest-Foster 34569 Existing

Port Union-Foster 4508 Existing

Foster-Sugarcreek 4524 Existing

Foster-Garver 4515 Existing

Garver T 345 & 138 Foster-Garver 4515 Existing

Todhunter-Garver 34582 Existing

Garver-Rockies Express 7581 Existing

Garver-Todhunter 5689 Existing

Garver-Carlisle 7582 Existing

Garver-AK Steel 7583 Existing

Glenview D 138 Terminal-Glenview 1782 Existing

Miami Fort-Glenview 7284 Existing

Golf Manor D 138 Red Bank-Terminal 7481 Existing

Half Acre D 138 Eastwood- Half Acre 8481 Existing

Ford-Batavia-Half Acre 22685 Existing

Hall D 138 Port Union-Fairfield 3885 Existing

Henkel Corp. T 138 Mitchell-Terminal 1284 Existing

Hillcrest T&D 345 & 138 Stuart-Hillcrest 4511 Existing

Foster-Hillcrest 34569 Existing

Hillcrest-Innergex 8881 Existing

Hillcrest-Eastwood 8887 Existing

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DUKE ENERGY OHIO

4901:5-5-04(D)(1)(b)

FORM FE-T8: SUMMARY OF EXISTING SUBSTATIONS

SUBSTATION TYPE\* VOLTAGE(S) LINE LINE EXISTING OR

NAME (KV) NAME NUMBER PROPOSED

Kemper D 138 Evendale-Port Union 4683 Existing

Kleeman D 138 Glenview-Miami Fort 7284 Existing

Lateral D 138 Elmwood-Lateral 684 Existing

Lateral-Red Bank 4187 Existing

Maineville D 138 Foster-Warren 5484 Existing

Mapleknoll D 138 Willey-Terminal 9787 Existing

Meldahl Dam T 345 Zimmer-Meldahl Dam 34576 Existing

Spurlock- Meldahl Dam 4541 Existing

Miami Fort T 345 & 138 Miami Fort-Greendale 1681 Existing

Miami Fort-Clifty Creek 1682 Existing

Miami Fort-Hebron 1683 Existing

Miami Fort-MFGT 1688 Existing

Miami Fort-Morgan 1689 Existing

Ebenezer-Miami Fort 6885 Existing

Glenview-Miami Fort 7284 Existing

Willey-Miami Fort 9784 Existing

Miami Fort-Miami 4591 Existing

Miami Fort-Woodsdale 4592 Existing

Miami Fort-Tanners Creek 4504 Existing

Miami Fort-Terminal 4514 Existing

Miami Fort GT T 138 Miami Fort-MFGT 1688 Existing

MFGT-Hebron 2862 Existing

MFGT-INEOS 2865 Existing

MFGT-Ebenezer 6864 Existing

Midway D 138 Terminal-Ebenezer 1783 Existing

Miami Fort-Glenview 7284 Existing

Millikin D 138 Port Union-Todhunter 3887 Existing

Mitchell T&D 138 Mitchell-Brighton 1263 Existing

Mitchell-Terminal 1284 Existing

Mitchell-Central 1288 Existing

Mitchell-South Fairmount 1286 Existing

Montgomery D 138 Foster-Remington 5487 Existing

Foster-Port Union 5483 Existing

Montgomery-Port Union 3881 Proposed

Montgomery-Socialville TBD Proposed

Montgomery-Summerside TBD Proposed

Morgan D 138 Miami Fort-Morgan 1689 Existing

Fairfield-Morgan 5783 Existing

Mt. Healthy D 138 Willey-Terminal 9787 Existing

Mulhauser D 138 Port Union-Fairfield 3886 Existing

Newtown D 138 Beckjord-Red Bank 1883 Existing

Nickel D 138 Warren-Todhunter 5680 Existing

North Bend D 138 Miami Fort-Glenview 7284 Existing

Oakley D 138 Oakley-Red Bank 885 Existing

Oakley-Beckjord 886 Existing

Central-Oakley 3981 Existing

OBannonville D 138 Foster-Cedarville 5489 Existing

Park D 138 Foster-Shaker Run 5485 Existing

\* DISTRIBUTION(D) TRANSMISSION(T)

DUKE ENERGY OHIO

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FORM FE-T8: SUMMARY OF EXISTING SUBSTATIONS

SUBSTATION TYPE\* VOLTAGE(S) LINE LINE EXISTING OR

NAME (KV) NAME NUMBER PROPOSED

Pierce T 345 & 138 Pierce-Foster 4502 Existing

Pierce-Buffington 4563 Existing

Pierce-Beckjord 1887 Existing

Pierce-Beckjord 1889 Existing

Port Union T&D 345 & 138 Port Union-Summerside 3881 Existing

Foster-Port Union 5483 Existing

Port Union-Fairfield 3885 Existing

Port Union-Fairfield 3886 Existing

Port Union-Todhunter 3887 Existing

Port Union-Todhunter 3888 Existing

Port Union-City of Hamilton 3889 Existing

Evendale-Port Union 4683 Existing

Zimmer-Port Union 4544 Existing

Port Union-Foster 4508 Existing

Terminal-Port Union 4513 Existing

Provident D 138 Port Union-Fairfield 3885 Existing

Queensgate D 138 West End -South Fairmount 1581 Existing

Red Bank T 345 & 138 Red Bank-Terminal 7481 Existing

Lateral-Red Bank 4187 Existing

Beckjord-Red Bank 1883 Existing

Red Bank-Ashland 7484 Existing

Oakley-Red Bank 885 Existing

Red Bank-Tobasco 7489 Existing

Red Bank-Terminal 4546 Existing

Zimmer-Red Bank 4545 Existing

Remington D 138 Remington-Beckjord 9482 Existing

Foster-Remington 5484 Existing

Rochelle T&D 138 Ridgeway-Whittier 8281 Existing

Rochelle-Charles 8283 Existing

Rochelle-Terminal 8286 Existing

Rockies Express T 138 Shaker Run-Rockies Express 5381 Existing

Garver-Rockies Express 7581 Existing

Garver-Carlisle 7582 Existing

Seward D 138 Port Union-Hamilton 3889 Existing

Shaker Run D 138 Foster-Shaker Run 5485 Existing

Shaker Run-Rockies Express 5381 Existing

Simpson D 138 Foster-Port Union 5483 Existing

Socialville D 138 Foster-Port Union 5483 Existing

Montgomery-Socialville TBD Proposed

South Fairmount D 138 West End- South Fairmount 1581 Existing

Mitchell- South Fairmount 1286 Existing

SCP Eastwood T 138 Hillcrest-Eastwood 8887 Existing

Stuart T 345 & 138 Stuart-Brown 5886 Existing

Summerside T&D 138 Beckjord-Oakley-Summerside 886 Existing

Port Union-Summerside 3881 Existing

Summerside-Beckjord 6984 Existing

Terminal T&D 345 & 138 Elmwood-Terminal 689 Existing

Mitchell-Terminal 1284 Existing

Terminal-Allen 1762 Existing

\* DISTRIBUTION(D) TRANSMISSION(T)

DUKE ENERGY OHIO

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FORM FE-T8: SUMMARY OF EXISTING SUBSTATIONS

SUBSTATION TYPE\* VOLTAGE(S) LINE LINE EXISTING OR

NAME (KV) NAME NUMBER PROPOSED

Terminal T&D 345 & 138 Terminal-Glenview 1782 Existing

(continued) Terminal-Ebenezer 1783 Existing

Evendale-Terminal 4685 Existing

Terminal-Port Union 4513 Existing

Red Bank-Terminal 7481 Existing

Rochelle-Terminal 8286 Existing

Willey-Terminal 9787 Existing

Miami Fort-Terminal 4514 Existing

East Bend-Terminal 4516 Existing

Red Bank-Terminal 4546 Existing

Tobasco D 138 Beckjord-Tobasco 1885 Existing

Red Bank-Tobasco 7489 Existing

Todhunter T&D 345 &138 Trenton-Todhunter 3284 Existing

Port Union-Todhunter 3887 Existing

Port Union-Todhunter 3888 Existing

Todhunter-Monroe 5667 Existing

Warren-Todhunter 5680 Existing

Todhunter-Dicks Creek 5682 Existing

Todhunter-AK Steel 5686 Existing

Todhunter-Garver 5689 Existing

Woodsdale-Todhunter 4561 Existing

Woodsdale-Todhunter 4562 Existing

Garver-Todhunter 34582 Existing

Trenton D 138 Trenton-Collinsville 3281 Existing

Trenton-Todhunter 3284 Existing

Trenton-Hutchings 13803 Existing

Trenton-College Corner 13803 Existing

Trenton-Air Products 3263 Existing

Twenty Mile D 138 Foster-Port Union 5483 Existing

Union D 138 Garver-Carlisle 7582 Existing

Wards Corner D 138 Summerside-Port Union 3881 Existing

Warren T&D 138 Foster-Warren 5484 Existing

Warren-Todhunter 5680 Existing

Warren-Clinton County 2381 Existing

West End T&D 138 West End -South Fairmount 1581 Existing

Charles-West End 1385 Existing

Charles-West End 1389 Existing

Crescent-West End 1587 Existing

Wilder-West End 5985 Existing

Whittier D 138 Ashland-Whittier 1180 Existing

Rochelle-Whittier 8281 Existing

Willey T&D 138 Willey-Fairfield 9782 Existing

Willey-Miami Fort 9784 Existing

Willey-Terminal 9787 Existing

Woodsdale T 345 Woodsdale-Todhunter 4561 Existing

Woodsdale-Todhunter 4562 Existing

Miami Fort-Woodsdale 4592 Existing

Zimmer T 345 Zimmer-Meldahl Dam 34576 Existing

Zimmer-Port Union 4544 Existing

\* DISTRIBUTION(D) TRANSMISSON(T) Zimmer-Red Bank 4545 Existing