Database and Model of Coal-fired Power Plants in the United States for Examination of the Costs of Retrofitting with CO_2 Capture Technology

Appendix 3
Catalog of Power Plant Retrofit Imagery

All images at 1:7,000 scale

Conesville: 1890.801MW, Conesville, OH
0%, Landscape: 0%

J Sherman Cooper: 344MW, Somerset, KY

Dale (KY): 162MW, Ford, KY

Roy S Nelson: 614.6MW, Westlake, LA

Morgantown Generating Station: 1252MW, Popes Creek, MD

B C Cobb: 312.6MW, Muskegon, MI
30% Landscape; 0% Crowded EGD must move substation for

Lake Huron
Saginaw River
D E Karn: 544MW, Essexville, MI

J H Campbell: 1540.1MW, West Olive, MI

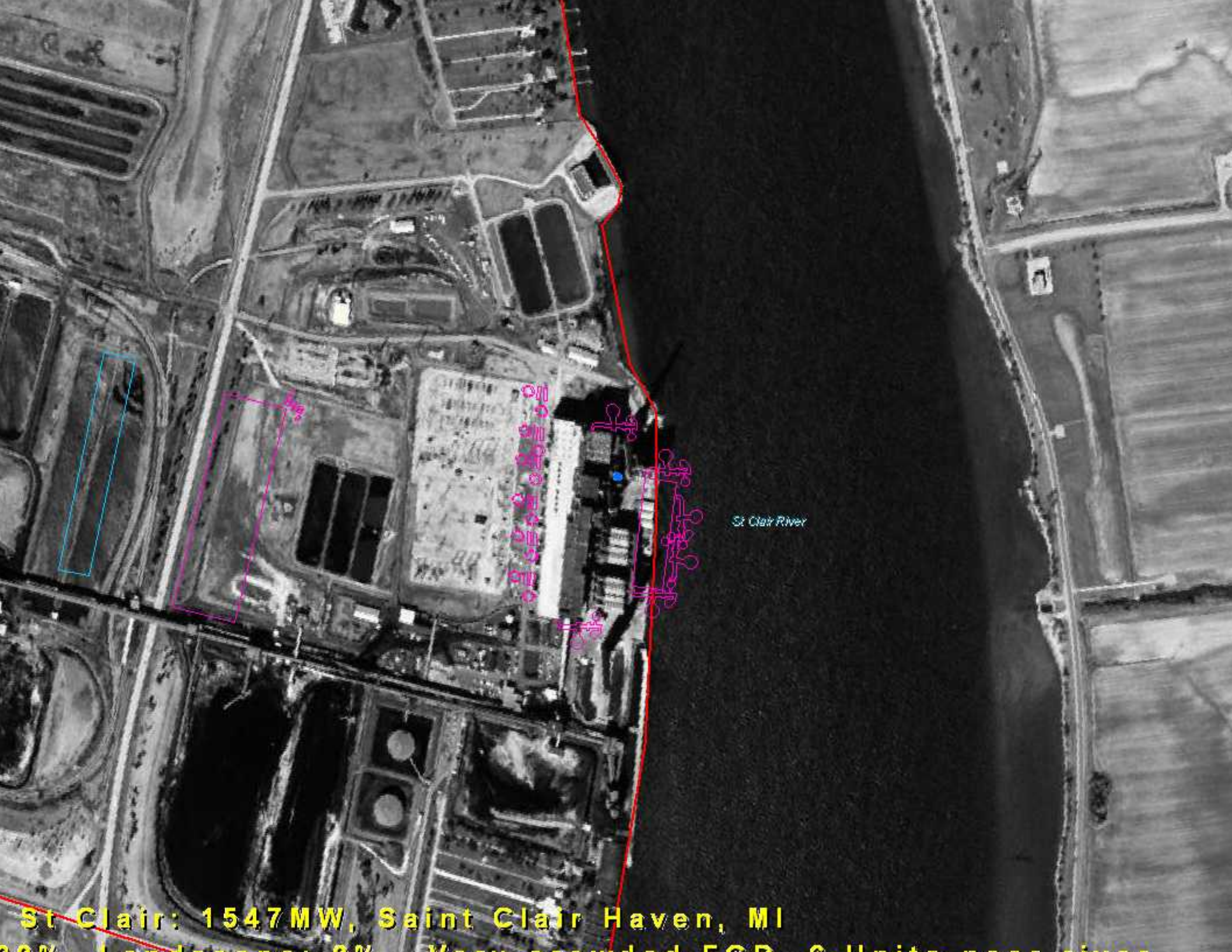
J C Weadock: 312.6MW, Essexville, MI
5% Landscape: 5% LS on hills near river

J R Whiting: 345.4MW, Erie, MI

Harbor Beach: 121MW, Harbor Beach, MI

Monroe (MI): 3279.6MW, Monroe, MI

20% Landscape: 0% Needs large FGD



St Clair: 1547MW, Saint Clair Haven, MI

Erickson: 154.7MW, Lansing, MI

Jack Watson: 877.2MW, Gulfport, MS

Asbury: 231.5MW, Asbury, MO

Missouri River
Hawthorne (MO): 594.3MW, Kansas City, MO

Montrose: 564MW, Clinton, MO

Sibley (MO): 524MW, Sibley, MO

Lake Road (MO): 150.5MW, Saint Joseph, MO

Missouri River
Labadie Creek
Labadie: 2389.4MW, Labadie, MO

Meramec: 923MW, St Louis, MO

Mississippi River
Poeling Lake
Sioux: 1099.4MW, West Alton, MO

James River Power St: 253MW, Springfield, MO

Mississippi River
New Madrid (Memphis): 1200MW, Marston, MO

Thomas Hill: 1135MW, Prairie Hill, MO

5% Landscape; 0% Grassland ECP

J E Corette Plant: 172.8MW, Billings, MT

Lon Wright: 108MW, Fremont, NE

Sheldon (NE): 228.7MW, Hallam, NE

North Omaha: 644.7MW, Omaha, NE

Reid Gardner: 498MW, Moapa, NV

B L England: 299.2MW, Sea Isle City, NJ

Hudson Generating Station: 659.7MW, Jersey City, NJ

Four Corners: 2269.6MW, Waterflow, NM

San Juan: 1848.004MW, Waterflow, NM

Hudson River
Danskammer Generating Station: 386.5MW, Newburgh, NY

Susquehanna River
AES Westover: 118.8MW, Johnson City, NY

Seneca Lake
AES Greenidge: 162.5MW, Dresden, NY

Cayuga Lake
AES Cayuga: 322.5MW, Lansing, NY

Niagra River
Huntley Generating: 436MW, Tonawanda, NY

Lake Erie
Dunkirk Generating Station: 627.2MW, Dunkirk, NY

Lovett: 200.6MW, Tomkins Cove, NY

Russell Station: 252.6MW, Rochester, NY

Deep River
Haw River
Cape Fear River
Cape Fear: 328.5MW, Moncure, NC

Lee: 402.4MW, Goldsboro, NC

L V Sutton: 671.6MW, Wilmington, NC

W H Weatherspoon: 165.5MW, Lumberton, NC

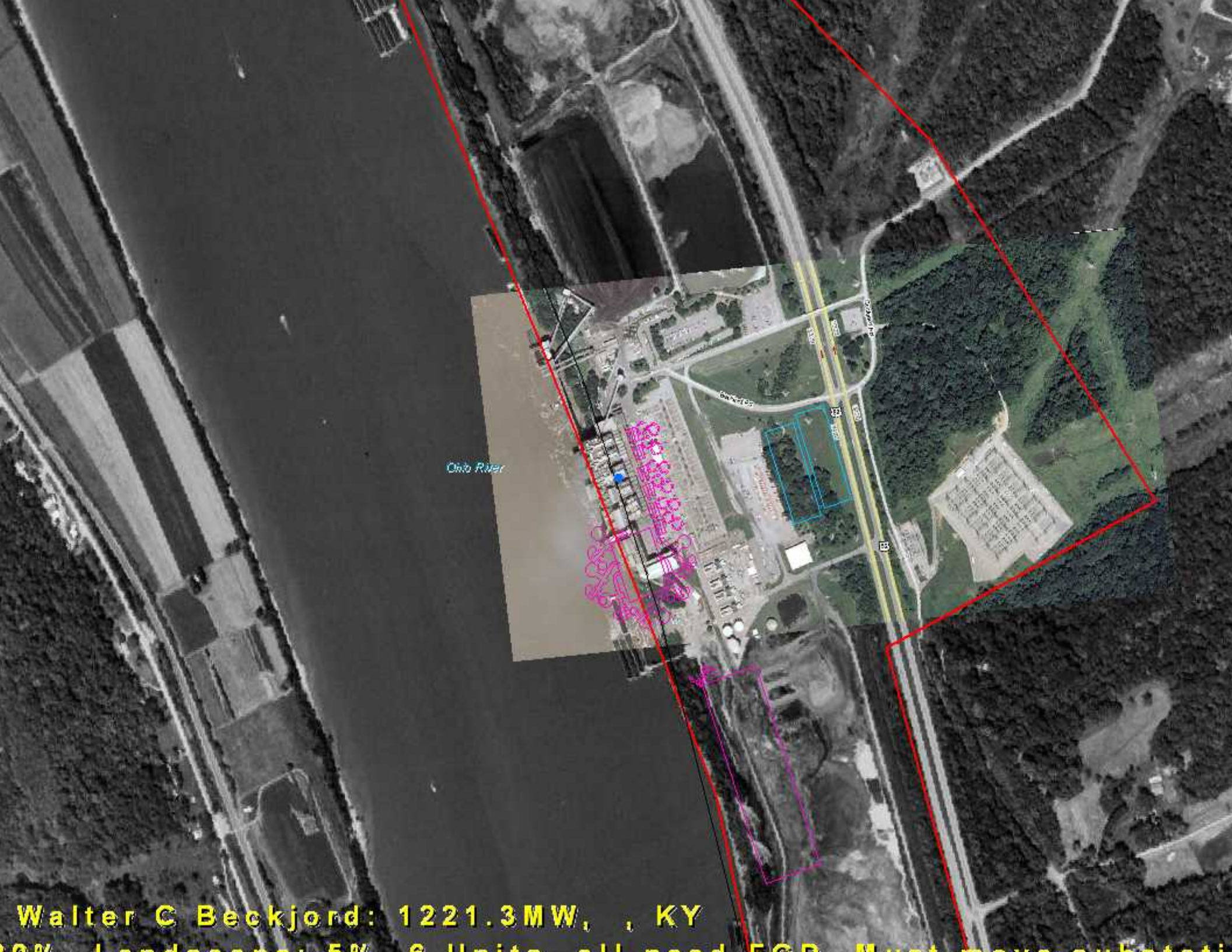
Missouri River
Heskett: 115MW, Mandan, ND

Leland Olds 1 & 2: 656MW, Stanton, ND

3% Landscape 10% Must move coal pile

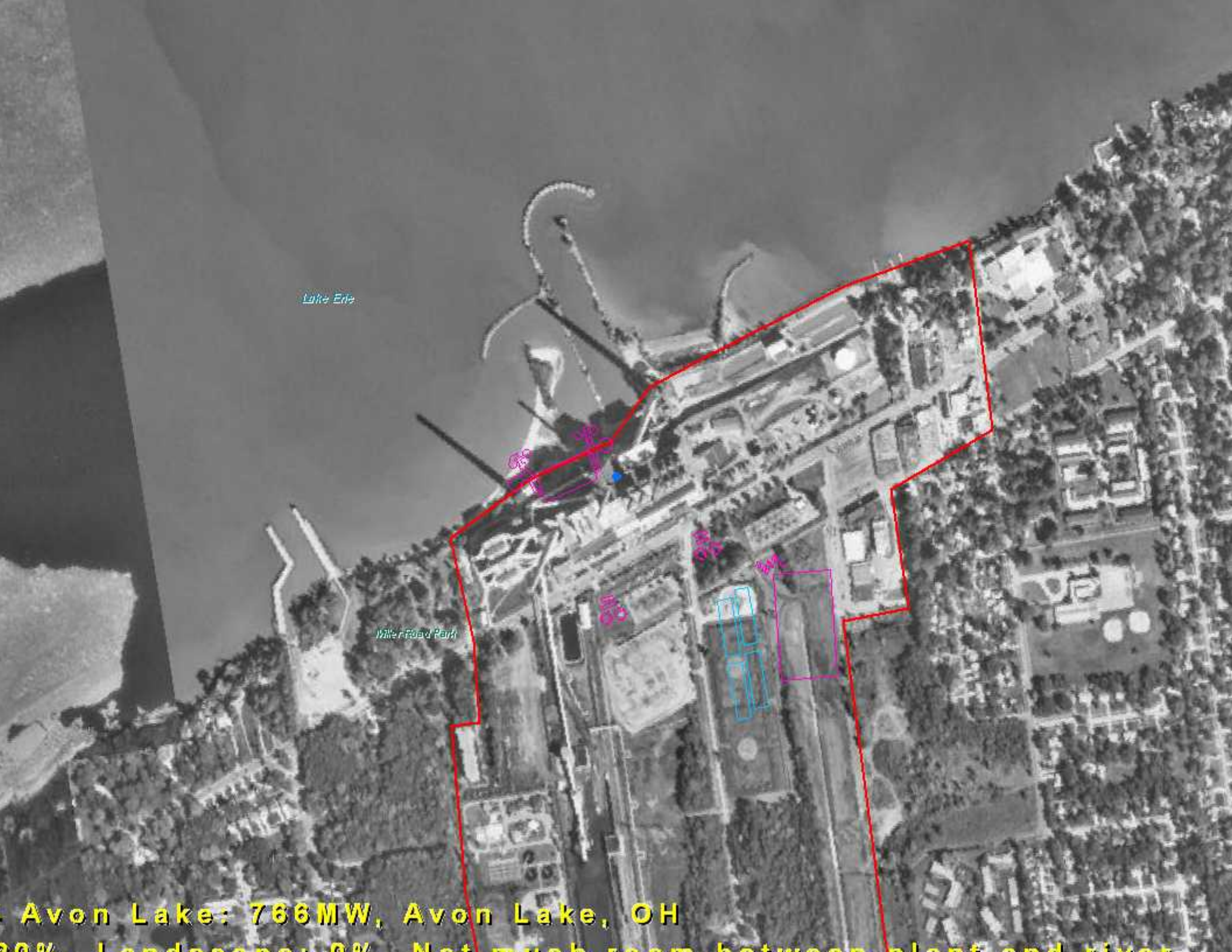
Lake Nelson
Milton R Young: 734MW, Center, ND

Ohio River
Ohio River
Cardinal: 1880.4MW, Brilliant, OH


Ohio River
Walter C Beckjord: 1221.3MW, , KY

Miami Fort: 1378MW, North Bend, OH

Ashtabula: 256MW, Ashtabula, OH



Avon Lake: 766MW, Avon Lake, OH

Eastlake (OH): 1257MW, Willoughby, OH

Lake Shore: 256MW, Cleveland, OH

Picway: 106.2MW, Lockbourne, OH

O H Hutchings: 414MW, Carlisle, OH

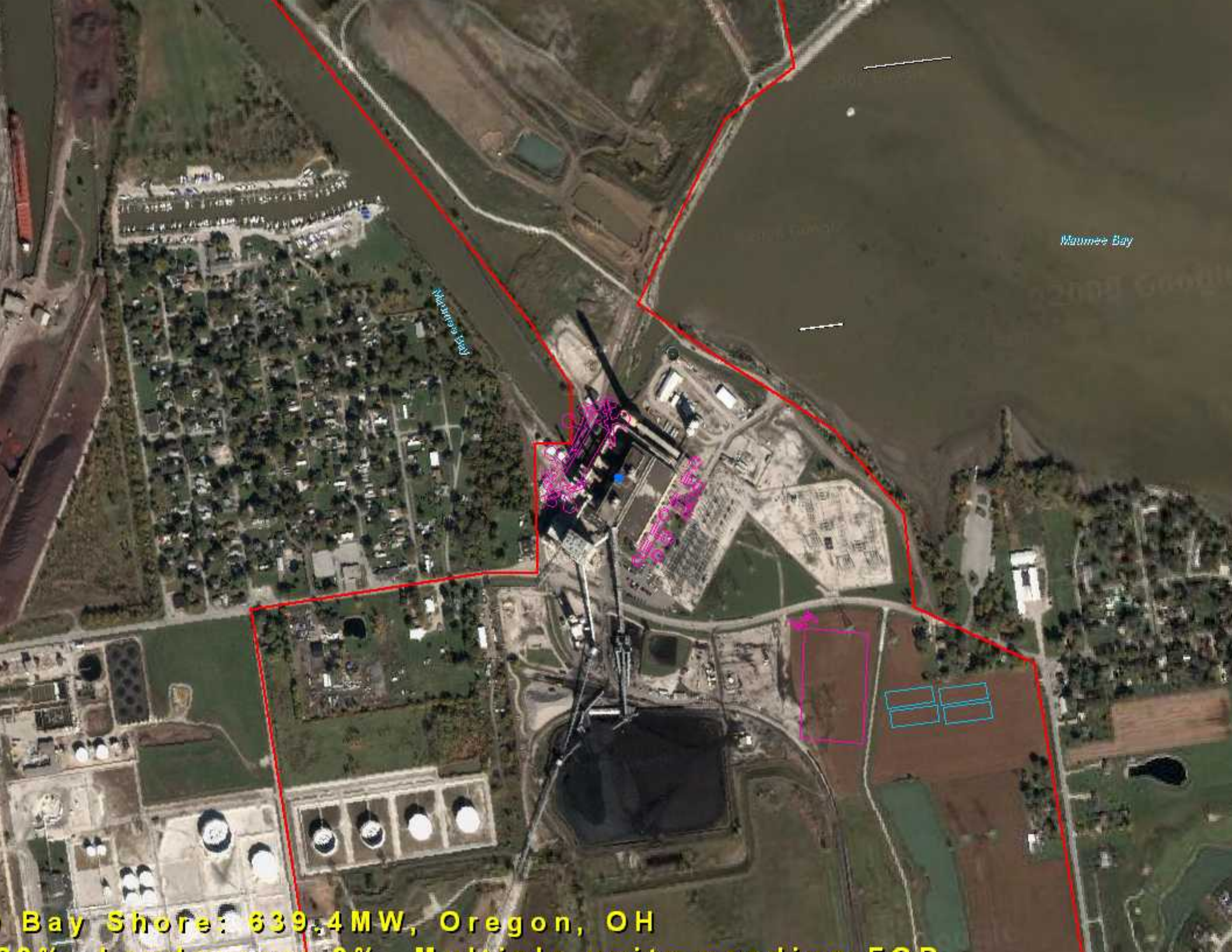
J M Stuart: 2440.8MW, , KY

Mahoning River
Niles (OH ORION): 265.6MW, Mcdonald, OH

Ohio River
Silo
W H Sammis: 2455.6MW, Stratton, OH

Muskingum River: 1529.4MW, Beverly, OH

Kyger Creek: 1086MW, Cheshire, OH


Maumee Bay
Bay Shore: 639.4MW, Oregon, OH

Muskogee: 1716MW, Muskogee, OK

Elrama Power Plant: 510MW, Elrama, PA

Portland (PA): 427MW, Portland, PA

Schuylkill River
Titus: 225MW, Temple, PA

Conemaugh: 1872.002MW, New Florence, PA

Homer City Station: 2012MW, Homer City, PA

Shawville: 626MW, Croft, PA

Crooked Creek
Keystone (PA): 1871.996MW, Shelocta, PA

New Castle Plant: 348MW, South New Castle, PA

PPL Brunner Island: 1558.7MW, York Haven, PA

Montour: 1670.2MW, Washingtonville, PA

Cromby Generating Station: 187.5MW, Phoenixville, PA

Armstrong Power Station: 326.4MW, South Bend, PA

Hatfields Ferry Power Station: 1728MW, Masontown, PA

Monongahela River
Monongahela River
Mitchell Power Station: 299.2MW, , PA

H B Robinson: 206.6MW, Hartsville, SC

Canadys Steam: 489.6MW, Canadys, SC

Savannah River
Urquhart: 100MW, , SC

Wateree River
Wateree: 771.8MW, Eastover, SC

) Williams (SC SCGC): 632.7MW, Goose Creek, SC

Dolphus M Grainger: 163.2MW, Toddville, SC

Lake Moultrie
Tail Race Canal
Jefferies: 345.6MW, Moncks Corner, SC

Allen Steam Plant (TN): 990MW, Memphis, TN

Bull Run (TN): 950MW, Clinton, TN

Cumberland (TN): 2600MW, Cumberland City, TN

Gallatin (TN): 1255.2MW, Gallatin, TN

John Sevier: 800MW, Rogersville, TN

Johnsonville (TN): 1485.2MW, New Johnsonville, TN

Emory River
Watts Bar Lake
Kingston: 1700MW, Harriman, TN

W A Parish: 2737.4MW, Thompsons, TX

Big Brown: 1186.8MW, Fairfield, TX

Carbon (UT): 188.6MW, Castle Gate, UT

Clinch River: 712.5MW, Cleveland, VA

Glen Lyn: 337.5MW, Glen Lyn, VA

Chesterfield: 1352.9MW, Chester, VA

Centralia Complex: 1459.8MW, Centralia, WA

More...
Map
Delta Rte 11
Pocatalico River
Main St
Laurel Ave
River St
Smith Ln
Bills Creek
62
Poca Circle
Childers Ln
Kanawha River
Center St
Dodd St
Trueh St
Winfield Rd
Morris St
Raynes St
Etta St
Winfield Rd
John E Amos: 2932.6MW, Saint Albans, WV
Landscape: 0%

Kanawha River: 439.2MW, Glasgow, WV

Ohio River
Phil Sporn: 1105.5MW, New Haven, WV

Albright: 278.2MW, Albright, WV
Cheat River

Fort Martin: 1152MW, Maidsville, WV

West Fork River
Robinson Run
Harrison (WV): 2052MW, Haywood, WV

Ohio River
Ohio River
Willow Island: 213.2MW, Belmont, WV
10% Landscape: 0% Slightly crowded FGD

Ohio River
Kammer: 712.5MW, , WV
30% Landscape: 0% Very crowded FGD. Must move substatio

Ohio River
Mitchell (WV): 1632.6MW, Moundsville, WV

Mount Storm Lake
MT Storm: 1662.4MW, Davis, WV

Green Bay
Fox River
Pulliam: 231.2MW, Green Bay, WI

Dave Johnston: 816.7MW, Glenrock, WY
North Platte River

Naughton: 707.2MW, Elkol, WY

Navajo: 2409.3MW, Page, AZ

Black Warrior River Locust Frk
Falls Creek
Village Creek
James H Miller Jr: 2822MW, Quinton, AL

Ohio River
Pleasants: 1368MW, Pleasants, WV

White Bluff: 1700MW, Redfield, AR

Duck Creek: 441MW, Canton, IL

Newton (IL): 1234.8MW, Newton, IL

East Bend: 669.3MW, Union, KY
Ohio River

Ohio River
Little Indian Creek
W H Zimmer: 1425.6MW, Moscow, OH
0% Landscape: 0%

Craig (CO): 1339.2MW, Craig, CO

Coal Creek: 1210MW, Underwood, ND

Ohio River
Killen Station: 666.4MW, , KY

Belle River: 1395MW, Saint Clair Haven, MI

Ohio River
Lawrence Creek
Hugh L Spurlock: 1279.1MW, Maysville, KY

Wansley (GPC): 1904MW, Roopville, GA

Big Cajun 2: 1871MW, Baton Rouge, LA

R D Morrow: 400MW, Purvis, MS

Missouri River
Nearman Creek: 261MW, Kansas City, KS

Missouri River
Missouri Creek
latan: 726MW, Weston, MO

Jeffrey Energy Center: 2160MW, Saint Marys, KS

Trimble Station (LGE): 566.1MW, Bedford, KY

Victor J Daniel Jr: 1096.6MW, Escatawpa, MS

Colstrip: 2272MW, Colstrip, MT

Sutherland State Park
Gerald Gentleman: 1362.6MW, Sutherland, NE

Lake Ontario
AES Somerset LLC: 655.1MW, Appleton, NY

R M Schahfer: 1943.4MW, Wheatfield, IN

Bruce Mansfield: 2741.1MW, Shippingport, PA

Sooner Lake
Sooner: 1138MW, Ponca City, OK

Missouri River
3 Nebraska City: 651.6MW, Nebraska City, NE

Big Stone: 456MW, Big Stone City, SD

Wyodak: 362MW, Wyodak, WY

Boardman (OR): 601MW, Cecil, OR

Gibson Station: 3339.5MW, Owensville, IN

Savannah River
McIntosh (GA SAVNAH): 177.6MW, Rincon, GA

Gibbons Creek: 453.5MW, Carlos, TX

A B Brown: 530.4MW, West Franklin, IN

Flint Creek (AR): 558MW, Gentry, AR

Welsh Reservoir
Welsh Station: 1674MW, Pittsburg, TX

Martin Lake: 2379.6MW, Tatum, TX

Monticello (TX): 1980MW, Monticello, TX
0% Landscape: 0%

Mississippi River
Rush Island: 1242MW, Festus, MO

Hunter: 1472.2MW, Castle Dale, UT

Rockport: 2600MW, Rockport, IN

Coronado: 821.8MW, St Johns, AZ

Coleto Creek Reservoir
Coleto Creek: 600.4MW, Fannin, TX

Fayette Power Project: 1690MW, La Grange, TX

4 San Miguel: 410MW, Christine, TX

Rodemacher: 558MW, Lena, LA

Harrington: 1080MW, Amarillo, TX

Tolk: 1136MW, Muleshoe, TX

Southwest: 194MW, Springfield, MO

Laramie River: 1710MW, Wheatland, WY

Merom: 1080MW, Merom, IN

Pawnee: 552.3MW, Brush, CO

Winyah: 1260MW, Graves, SC

Ottumwa (IA IPL): 726MW, Ottumwa, IA

Mountaineer: 1300MW, New Haven, WV

Antelope Valley: 869.8MW, Beulah, ND

Intermountain: 1800MW, Delta, UT

Green River
Robert D Green: 528MW, Sebree, KY
Landscape: 0%

Independence (AR): 1700MW, Newark, AR

Sandow No 4: 590.6MW, Rockdale, TX

Louisa: 738MW, Muscatine, IA

) Warrick: 755MW, Newburgh, IN

Rawhide: 293.6MW, Wellington, CO

Sikeston: 261MW, Sikeston, MO

Hugo (OK): 446MW, Fort Towson, OK

D B Wilson: 440MW, Matanzas, KY

Twin Oaks Power: 349.2MW, Bremond, TX

J K Spruce: 566MW, San Antonio, TX

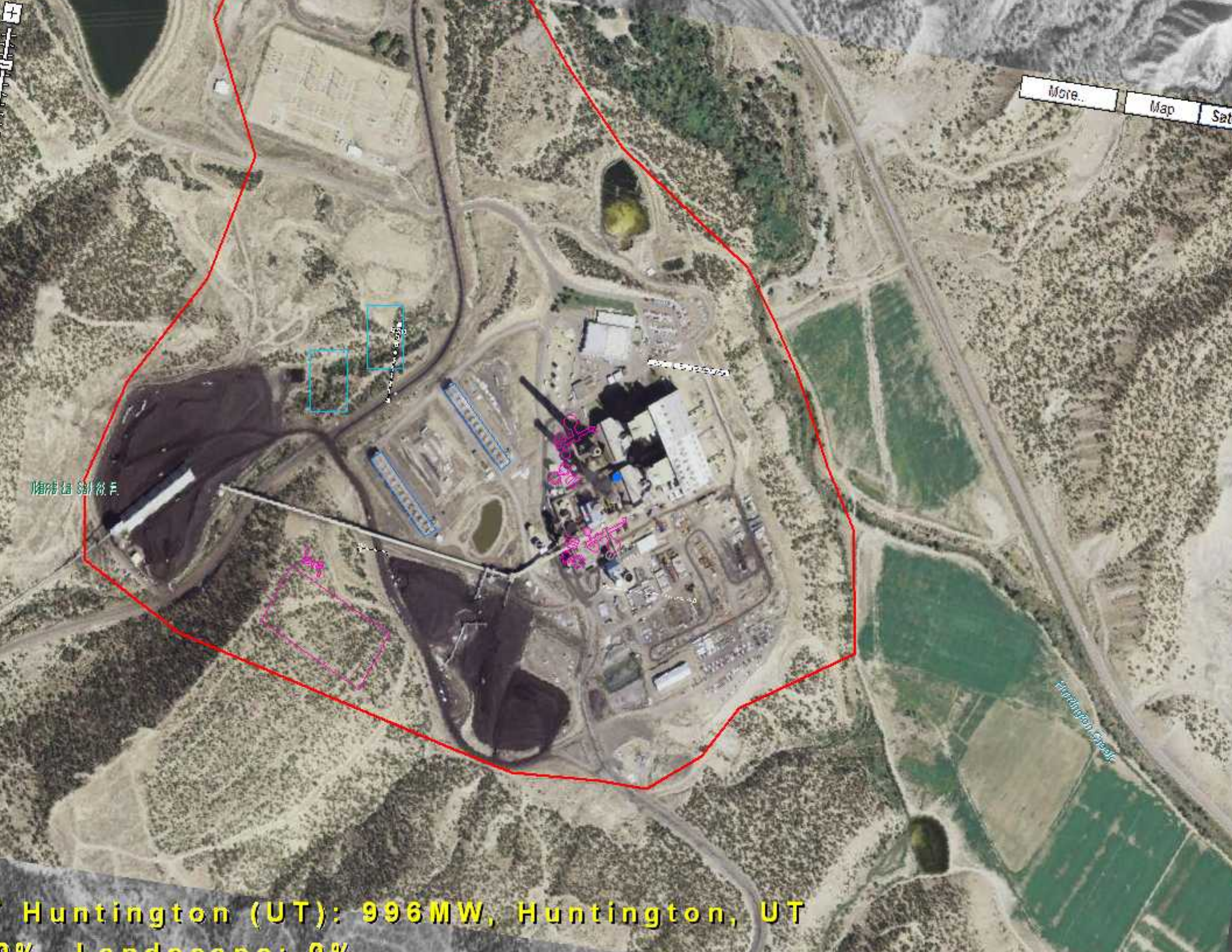
Cope: 417.3MW, Cope, SC

Polk Station: 326.3MW, Bradley Junction, FL

Bonanza: 499.5MW, Bonanza, UT

Pirkey: 720.999MW, Hallsville, TX

Jim Bridger: 2317.7MW, Point of Rocks, WY


More..
Map
Huntington (UT): 996MW, Huntington, UT

Ohio River
Gavin: 2600MW, Cheshire, OH

Little Fountain Creek
Ray D Nixon: 207MW, Fountain, CO
0% Landscape: 0%

Coyote: 450MW, Beulah, ND

Springerville Generating Station: 1299.6MW, Springerville, AZ

North Valmy: 521.2MW, Valmy, NV

Cheswick Power Plant: 637MW, Cheswick, PA

Mobile River
Cold Creek
Barry: 1770.7MW, Bucks, AL

Gorgas 2 & 3: 1416.7MW, Parrish, AL

Greene County (AL): 568.4MW, Forkland, AL

E C Gaston: 2012.8MW, Wilsonville, AL

Colbert: 1350MW, Tuscumbia, AL

Tennessee River
Widows Creek: 1968.6MW, Stevenson, AL

Dolet Hills: 720.7MW, Mansfield, LA

Charles R Lowman: 538MW, Leroy, AL

Escalante: 257MW, Prewitt, NM

Holcomb East: 348.7MW, Holcomb, KS

Cholla: 1128.8MW, Joseph City, AZ

Old Nogales Hwy
New Julian Wash
H Wilson Sundt Generating Station: 173.3MW, Tucson, AZ

Oklaunion: 720MW, Oklaunion, TX

Diversion Canal
Cross: 1747.1MW, Cross, SC

Seminole (FL): 1429.2MW, Palatka, FL

Apache Station: 408MW, Tucson, AZ

Grda 1 & 2: 1010MW, Chouteau, OK

St Johns River Power: 1358MW, Jacksonville, FL

Limestone (NRG): 1706.4MW, Jewett, TX

Des Plaines River
Joliet 29: 1320MW, Rockdale, IL

Street View
Traffic
More...
Map
Cherokee (CO): 801.2MW, Commerce City, CO

Comanche (CO): 778.5MW, Pueblo, CO

Leggett Reservoir
Valmont Reservoir
Hillcrest Lake
Valmont: 191.7MW, Boulder, CO
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Martin Drake: 257MW, Colorado Springs, CO

Hayden: 465.4MW, Hayden, CO

San Miguel River
Nucla: 113.8MW, Nucla, CO

Stanton Energy Center: 929MW, Bithlo, FL

Indian River Generating Station (DE): 782.4MW, Dagsboro, DE

Crystal River: 2442.7MW, Crystal River, FL
5% Landscape: 0%
W Power Line Rd
Rocky Creek
W Power Line Rd
W Power Line Rd
Florida Department of Environmental Protection, GeoEye, Map data

Crist: 1135.1MW, Pensacola, FL

Lansing Smith: 340MW, Lynn Haven, FL

Big Bend (FL): 1822.5MW, Apollo Beach, FL

Deerhaven Generating Station: 250.7MW, Paradise, FL

C D McIntosh Jr: 363.8MW, Combee Settlement, FL

Bowen: 3498.6MW, Euharlee, GA

Hammond: 953MW, Rome, GA

Harllee Branch: 1746.2MW, Milledgeville, GA

Flint River
Mitchell (GA): 163.2MW, Albany, GA

Yates: 1487.3MW, Newnan, GA

Kraft: 333.9MW, Port Wentworth, GA

Riverside (IA): 141MW, Riverside, IA

Illinois River
E D Edwards: 780.3MW, Bartonville, IL

Coffeen: 1005.4MW, Coffeen, IL

10% Landscape: 0% Crowded ESP, must move coal pile

Hutsonville: 150MW, Hutsonville, IL

Meredosia: 239.3MW, Meredosia, IL

Pulaski Park
Chicago Sanitary and Ship Can
Crawford (IL): 597.4MW, Cicero, IL

Des Plaines River
Joliet 9: 360.4MW, Rockdale, IL
30% Landscape: 0% Must move PP

Sangchris Lake
Sangchris Lake
Kincaid Generation LLC: 1319MW, Tovey, IL

Illinois River
Powerton: 1785.6MW, Pekin, IL

Will County: 1268.8MW, Romeoville, IL

Fisk Street: 374MW, Chicago, IL

Joppa Steam: 1099.8MW, Joppa, IL

Baldwin Energy Complex: 1892.1MW, Baldwin, IL

Illinois River
Havana: 488MW, Havana, IL

Hennepin Power Station: 306.3MW, Depue, IL

Vermillion Power Station: 182.3MW, Jamesburg, IL

Wood River (IL): 500.1MW, Hartford, IL

10% Landscape; 0% Must move substation

Lake Springfield
Dallman: 207.3MW, Springfield, IL

Calumet Park
Lake Michigan
Lake Michigan
State Line Energy: 512.9MW, Hammond, IN

Clifty Creek: 1303.2MW, Madison, IN

Tanners Creek: 1100.1MW, Lawrenceburg, IN

Harding Street: 698MW, Indianapolis, IN

H T Pritchard/Eagle Valley: 301.6MW, Martinsville, IN

AES Petersburg (IN): 1872.9MW, Petersburg, IN

Bailly: 603.5MW, Chesterton, IN

Lake Michigan
Lake Michigan
Michigan City: 540MW, Michigan City, IN

Cayuga: 1062MW, Cayuga, IN

R Gallagher: 600MW, New Albany, IN

Wabash River: 1164.7MW, West Terre Haute, IN

F B Culley: 368.9MW, Newburgh, IN
10% Landscape: 0% Must move substation

White River
Frank E Ratts: 233.2MW, Petersburg, IN

Beaver Slough
M L Kapp: 218.4MW, Clinton, IA

Walter Scott, Jr. Energy Center: 1597.4MW, Council Bluffs, IA

George Neal North: 1046MW, Sergeant Bluff, IA

Burlington (IA): 212MW, Burlington, IA

Mississippi River
Muscatine: 193.5MW, Muscatine, IA

La Cygnes Lake
La Cygne: 1578MW, La Cygne, KS

Lawrence Energy Center (KS): 517MW, Lawrence, KS

Tecumseh Energy Center: 150MW, Tecumseh, KS

Missouri River Bank
Missouri River
Quindaro: 239.1MW, Kansas City, KS

Big Sandy: 1096.8MW, Louisa, KY

E W Brown: 739.4MW, Burgin, KY

Ohio River
Ghent: 2225.9MW, Ghent, KY

Green River (KY): 113.6MW, Central City, KY

Cane Run: 644.6MW, Louisville, KY

Mill Creek (KY): 1717.2MW, Louisville, KY

Elmer Smith: 445.3MW, Owensboro, KY

Green River
Paradise (KY): 2558.2MW, Drakesboro, KY

Shawnee (KY): 1750MW, West Paducah, KY

Ohio River
Ohio River
Kenneth Coleman: 521.2MW, , KY

Green River
Robert D Green: 528MW, Sebree, KY

Calaveras Lake
7 J T Deely: 932MW, San Antonio, TX
0% Landscape: 0%

Missouri River
2 George Neal South: 640MW, Sioux City, IA

0 Northeastern: 946MW, Oologah, OK

088 Centennial Hardin (MT): 115.7MW, Hardin, MT
0% Landscape: 0%