

ATC 2007 10-Year Assessment, September 2008
Summary of Capital Expenditures (2008-2017)
10-Year Assessment Project Detail

| Funding Project Number | 10-Year Assessment Project Description | Sum of Previous Expenditures as of 12/31/07 | Sum of Total 2008-2017 | Sum of Total (2001-2017) |
|------------------------|--|---|------------------------|--------------------------|
| F0033 | Construct a 345-kV bus at Bain Substation | \$0 | \$2,093,932 | \$2,093,932 |
| F0181 | Construct a second Dunn Road-Egg Harbor 69-kV line | \$0 | \$6,097,939 | \$6,097,939 |
| F0283 | 2009 Oak Creek/Elm Road generation-related projects | \$28,482,430 | \$2,150 | \$28,484,580 |
| F0301 | Gardner Park-Highway 22 345-kV line | \$71,565,984 | \$55,063,103 | \$126,629,087 |
| F0339 | Install a second 138/69-kV transformer at Hillman | \$0 | \$2,531,712 | \$2,531,712 |
| F0365 | Rebuild Blaney Park-Munising 69 kV to 138 kV | \$0 | \$52,013,217 | \$52,013,217 |
| F0763 | 2010 Oak Creek/Elm Road generation-related projects | \$0 | \$1,222 | \$1,222 |
| F0823 | Construct Morgan-Werner West 345-kV line | \$51,239,297 | \$91,340,059 | \$142,579,355 |
| F0924 | Construct a Jefferson-Stony Brook 138-kV line | \$3,792,447 | \$30,128,191 | \$33,920,638 |
| F1165 | Zone 5 CTs (Various) | \$0 | \$229,022 | \$229,022 |
| F1282 | Construct ring bus at the Pine River 69-kV Substation and replace 1-5.4 MVAR capacitor bank with 2-4.08 MVAR banks | \$0 | \$8,738,306 | \$8,738,306 |
| F1357 | Rebuild Crivitz-High Falls 69-kV double circuit line | \$1,598,026 | \$16,876,581 | \$18,474,607 |
| F1358 | Construct 138-kV line from Canal to Dunn Road | \$0 | \$15,505,284 | \$15,505,284 |
| F1361 | Rebuild 2.37 miles of 69 kV from Sunset Point to Pearl Ave with 477 ACSR | \$15,477 | \$2,944,836 | \$2,960,312 |
| F1363 | Cranberry-Conover-Iron River-Plains project | \$21,666,299 | \$105,804,997 | \$127,471,296 |
| F1367 | Construct Butler Ridge 138-kV Substation | \$0 | \$3,555,796 | \$3,555,796 |
| F1403 | Install 28.8 MVAR capacitor bank at Butternut 138 kV | \$0 | \$596,084 | \$596,084 |
| F1407 | Oak Ridge-Verona 138-kV line | \$2,580,498 | \$17,430,775 | \$20,011,273 |
| F1435 | Construct 345-kV line from Rockdale to West Middleton | \$0 | \$221,000,000 | \$221,000,000 |
| F1605 | Relocate Cedar substation (North Lake) | \$1,969,111 | \$10,456,590 | \$12,425,701 |
| F1619 | Bayport-Pioneer Phase I | \$0 | \$20,439,553 | \$20,439,553 |
| F1621 | Expand the Menominee 69-kV Substation and install 138 kV terminals. Loop the West Marinette-Bay De Noc 138-kV line into the substation | \$0 | \$5,016,328 | \$5,016,328 |
| F1626 | Construct a new 138-kV line from North Madison to Huiskamp (was Waunakee) | \$4,430,343 | \$14,615,688 | \$19,046,032 |
| F1637 | Install a second 138/69-kV transformer at McCue Substation | \$0 | \$4,123,412 | \$4,123,412 |
| F1638 | Construct a Lake Delton-Birchwood 138-kV line | \$0 | \$9,004,670 | \$9,004,670 |
| F1640 | Construct a Horicon-East Beaver Dam 138-kV line | \$0 | \$10,194,552 | \$10,194,552 |
| F1670 | Y32 Colley Rd-Brick Church uprate | \$0 | \$11,225,537 | \$11,225,537 |
| F1690 | Convert Rock River to Bristol to Elkhorn 138-kV operation; rebuild Bristol with a new 138 kV bus | \$2,502,284 | \$8,409,923 | \$10,912,207 |
| F1712 | Kilbourn and Artesian capacitor banks | \$0 | \$2,060,388 | \$2,060,388 |
| F1714 | Replace the 1200 A breaker at Edgewater T22 345/138 kV | \$0 | \$248,191 | \$248,191 |
| F1727 | Construct Monroe County-Council Creek 161-kV line | \$0 | \$27,248,056 | \$27,248,056 |
| F1729 | Elm Road TSR Phase II circuit breakers | \$26,749 | \$436,908 | \$463,657 |

ATC 2007 10-Year Assessment, September 2008
Summary of Capital Expenditures (2008-2017)
10-Year Assessment Project Detail

| Funding Project Number | 10-Year Assessment Project Description | Sum of Previous Expenditures as of 12/31/07 | Sum of Total 2008-2017 | Sum of Total (2001-2017) |
|------------------------|---|---|------------------------|--------------------------|
| F1819 | Install 1-5.4 MVAR capacitor bank at L'Anse 69 kV | \$0 | \$605,340 | \$605,340 |
| F1820 | Install 1-5.4 MVAR capacitor bank at Munising 69 kV | \$0 | \$1,545,437 | \$1,545,437 |
| F1844 | Construct Brandon-Fairwater 69-kV line | \$0 | \$2,817,916 | \$2,817,916 |
| F1847 | Construct a 69-kV line from SW Ripon to the Ripon-Metomen 69-kV line | \$0 | \$2,473,544 | \$2,473,544 |
| F1867 | Replace 138/69-kV transformer at Metomen | \$0 | \$2,970,145 | \$2,970,145 |
| F1868 | Uprate projects West portfolio (Various) | \$0 | -\$4,108 | -\$4,108 |
| F1869 | Install transformer and bus at Bass Creek | \$0 | \$6,061,866 | \$6,061,866 |
| F1923 | Install 2-16.3 MVAR capacitor bank at Aviation | \$0 | \$196,330 | \$196,330 |
| F1924 | Install 2-16.3 MVAR capacitor bank at Mears Corners 138 kV | \$0 | \$1,245,285 | \$1,245,285 |
| F1925 | Install 2-16.3 MVAR capacitor bank at Rosiere 138 kV | \$0 | \$1,334,875 | \$1,334,875 |
| F1981 | Paddock-Rockdale 345-kV line | \$0 | \$124,449,913 | \$124,449,913 |
| F2001 | Stoughton SS CC Switch and relays | \$0 | \$669,683 | \$669,683 |
| F2016 | Uprate Chandler-Cornell 69-kV line clearance from 120 to 167 deg F | \$0 | \$767,321 | \$767,321 |
| F2035 | Relocate Mishicot 138-kV Substation | \$0 | \$3,134,065 | \$3,134,065 |
| F2053 | West Portfolio Future T-D projects | \$0 | \$30,000 | \$30,000 |
| F2079 | Replace Glenview transformer | \$0 | \$3,442,062 | \$3,442,062 |
| F2080 | Sunset Point transformer replacements | \$0 | \$5,371,145 | \$5,371,145 |
| F2081 | Shoto-Custer 138-kV line | \$0 | \$21,243,417 | \$21,243,417 |
| F2086 | Pleasant Valley T-D (second transformer) | \$0 | \$2,158,853 | \$2,158,853 |
| F2088 | Nine Springs-Pflaum loop into Femrite Substation | \$0 | \$5,368,656 | \$5,368,656 |
| F2092 | Uprate Portage-Trienda 138-kV line | \$0 | \$1,404,379 | \$1,404,379 |
| F2093 | North Randolph 500 MVA transformer | \$0 | \$9,718,088 | \$9,718,088 |
| F2095 | Somers T-D Interconnection (rebuild Racine-Somers-Albers 138-kV line) | \$0 | \$4,181,904 | \$4,181,904 |
| F2097 | Brookdale T-D Interconnection | \$0 | \$2,529,227 | \$2,529,227 |
| F2105 | Construct Fairwater-Mackford Prairie 69-kV line | \$0 | \$3,213,219 | \$3,213,219 |
| F2112 | GIC 012 Elm Road Unit 1 Phase II | \$0 | \$2,722,032 | \$2,722,032 |
| F2135 | Uprate Columbia 345/138-kV transformer T-22 to 527 MVA | \$0 | \$108,590 | \$108,590 |
| F2140 | Elm Road Phase II Upgrades | \$0 | \$13,232,084 | \$13,232,084 |
| F2142 | Uprate Arcadian-Waukesha 138-kV lines KK9942/KK9962 | \$0 | \$273,140 | \$273,140 |
| F2153 | Uprate Brick Church-Walworth 69-kV line to 115 MVA | \$0 | \$706,204 | \$706,204 |
| F2154 | Uprate Walworth- North Lake Geneva 69-kV to 69 MVA | \$0 | \$426,536 | \$426,536 |
| F2155 | Uprate North Lake Geneva-Lake Geneva 69-kV line to 115 MVA | \$0 | \$453,976 | \$453,976 |
| F2173 | Warrens DIC | \$0 | \$6,524,108 | \$6,524,108 |
| F2220 | Install 2-16.33 MVAR capacitor bank at Perkins 138-kV Substation | \$0 | \$1,383,807 | \$1,383,807 |
| F2222 | Install 1-16.33 MVAR capacitor bank at Hiawatha 138-kV Substation | \$0 | \$598,564 | \$598,564 |

ATC 2007 10-Year Assessment, September 2008
Summary of Capital Expenditures (2008-2017)
10-Year Assessment Project Detail

| Funding Project Number | 10-Year Assessment Project Description | Sum of Previous Expenditures as of 12/31/07 | Sum of Total 2008-2017 | Sum of Total (2001-2017) |
|------------------------|--|---|------------------------|--------------------------|
| F2223 | Install 1-16.33 MVAR capacitor bank at Indian Lake 138-kV Substation | \$0 | \$584,007 | \$584,007 |
| F2248 | Sheepskin SS Relay Upgrades | \$0 | \$2,256,302 | \$2,256,302 |
| F2252 | Rebuild Arpin-Rocky Run 345-kV line | \$0 | \$23,003,226 | \$23,003,226 |
| F2256 | Summit capacitor banks | \$0 | \$2,049,660 | \$2,049,660 |
| F2279 | Mobile 69-kV capacitor bank | \$0 | \$593,778 | \$593,778 |
| F2317 | Royster SS Breaker Replacement | \$0 | \$428,385 | \$428,385 |
| F2318 | Brewer/Richland area upgrades | \$0 | \$730,010 | \$730,010 |
| F2324 | Lamar DIC | \$0 | \$3,917,218 | \$3,917,218 |
| F2327 | Spring Green capacitor banks | \$0 | \$4,962,259 | \$4,962,259 |
| F2332 | Union Townline Distribution capacitor bank | \$0 | \$155,000 | \$155,000 |
| F2371 | Kewaunee SS-Repl OCB-TAT | \$0 | \$2,687,744 | \$2,687,744 |
| F2404 | Brick Church capacitor banks | \$0 | \$1,709,794 | \$1,709,794 |
| F2405 | Uprate Y-79 McCue-Milton Lawns 69-kV line | \$0 | \$823,530 | \$823,530 |
| F2434 | Tayco - Melissa OPGW Line 138124 | \$0 | \$230,224 | \$230,224 |
| F2435 | Bluemound Equip Replacement 2010 | \$0 | \$8,207,091 | \$8,207,091 |
| F2437 | Kewaunee SS-Bus Reconfiguration | \$0 | \$17,509,123 | \$17,509,123 |
| F2445 | Install a second 138/69-kV transformer at Spring Green with a 100 MVA summer normal rating | \$0 | \$1,380,000 | \$1,380,000 |
| F2449 | Dickinson Distribution capacitor bank | \$0 | \$195,000 | \$195,000 |
| F2461 | Upgrade Bain-Albers 138-kV Line | \$0 | \$2,685,284 | \$2,685,284 |
| F2462 | Bain-Kenosha Substation Upgrades | \$0 | \$655,730 | \$655,730 |
| F2466 | West Middleton-Blount 138-kV line | \$0 | \$64,610,250 | \$64,610,250 |
| F2468 | Osceola Substation-Install capacitor bank | \$0 | \$824,207 | \$824,207 |
| F2469 | Rebuild the Verona to Oregon 69-kV line Y119 | \$159,858 | \$5,933,972 | \$6,093,830 |
| F2471 | 6986 Royster-Sycamore uprate | \$0 | \$790,584 | \$790,584 |
| F2472 | North Monroe 69-kV capacitor banks | \$0 | \$1,329,404 | \$1,329,404 |
| F2473 | Oak Creek-Pennsylvania 138-kV Line KK837 Upgrade | \$0 | \$2,060,081 | \$2,060,081 |
| F2474 | Dam Heights 69-kV capacitor banks | \$0 | \$2,816,028 | \$2,816,028 |
| F2475 | Sun Prairie 69-kV capacitor banks. | \$0 | \$2,566,334 | \$2,566,334 |
| F2477 | Ripon Substation capacitor banks | \$0 | \$801,448 | \$801,448 |
| F2480 | Wautoma Substation second transformer | \$0 | \$4,029,502 | \$4,029,502 |
| F2485 | M38 Substation-capacitor bank-Bus Expansion | \$0 | \$3,294,956 | \$3,294,956 |
| F2487 | Shorewood-Cornell underground 138-kV Line | \$0 | \$7,329,347 | \$7,329,347 |
| F2489 | Concord capacitor bank installation | \$0 | \$3,357,082 | \$3,357,082 |
| F2490 | North Bluff SS-Install capacitor bank | \$0 | \$1,452,898 | \$1,452,898 |
| F2491 | Uprate Castle Rock-Mckenna 69-kV line | \$0 | \$581,500 | \$581,500 |
| F2492 | Atlantic 69-kV line uprate | \$0 | \$3,118,520 | \$3,118,520 |
| F2493 | Mukwonago Capacitor bank | \$0 | \$1,850,815 | \$1,850,815 |
| F2495 | Construct 115-kV line from new Arnett Road Substation to the Clear Lake Substation | \$0 | \$12,200,000 | \$12,200,000 |

ATC 2007 10-Year Assessment, September 2008
 Summary of Capital Expenditures (2008-2017)
 10-Year Assessment Project Detail

| Funding Project Number | 10-Year Assessment Project Description | Sum of Previous Expenditures as of 12/31/07 | Sum of Total 2008-2017 | Sum of Total (2001-2017) |
|--|---|---|------------------------|--------------------------|
| F2502 | Shorewood RTU and DIC | \$0 | \$831,886 | \$831,886 |
| F2515 | Eden 69-kV capacitor banks | \$0 | \$1,325,153 | \$1,325,153 |
| F2516 | Femrite capacitor banks | \$0 | \$2,404,642 | \$2,404,642 |
| F2517 | Mazomanie 69-kV capacitor banks | \$0 | \$1,302,312 | \$1,302,312 |
| F2518 | Boscobel SS 69-kV capacitor banks | \$0 | \$1,093,610 | \$1,093,610 |
| F2519 | McKenna 69-kV capacitor bank | \$0 | \$326,860 | \$326,860 |
| F2520 | Verona capacitor bank | \$0 | \$1,572,509 | \$1,572,509 |
| F2522 | North Bluff 69-kV line uprate | \$0 | \$162,243 | \$162,243 |
| F2526 | Y33 Brodhead-South Monroe rebuild | \$0 | \$10,840,911 | \$10,840,911 |
| F2531 | Mead 69-kV line uprate | \$0 | \$492,686 | \$492,686 |
| F2532 | Lakehead 69-kV line uprate | \$0 | \$495,140 | \$495,140 |
| F2533 | Gladstone 69-kV line uprate | \$0 | \$343,020 | \$343,020 |
| F2534 | Delta 1 69-kV line uprate | \$0 | \$717,909 | \$717,909 |
| F2535 | Delta 2 69-kV line uprate | \$0 | \$518,818 | \$518,818 |
| F2539 | Arcadian transformer replacements | \$0 | \$7,276,385 | \$7,276,385 |
| F2558 | Construct 69-kV double-circuit line between McCue and Lamar substations | \$0 | \$8,522,646 | \$8,522,646 |
| F2560 | Convert Necedah distribution substation from 69 kV to 138 kV | \$0 | \$128,310 | \$128,310 |
| F2570 | Spring Valley-Twin Lakes-South Lake Geneva 138-kV line | \$0 | \$61,936,663 | \$61,936,663 |
| F2587 | Construct new 138-kV line from South Lake Geneva to North Lake Geneva | \$0 | \$14,716,353 | \$14,716,353 |
| 2008 TYA Totals Reported | | | | |
| | | \$190M | \$1.298B | \$1.488B |
| Plus Projects Completed Prior to 2008 TYA | | | | |
| | | \$1.585B | | |
| Plus Projects Not in TYA (other capital expenditures) | | | | |
| | | | \$1.412B | |
| Total ATC Capital Expenditures | | | | |
| | | \$1.775B | \$2.71B | \$4.485B |