

# AESO Transmission Customer (Generation and Load) Projects - Quarterly Report



- see notes at the end of this document for report terminology and definitions

| Project Number | Project Name   | Project Description  | Need Description                     | NID/NIF Filed | NID/NIF Approved | P and L Filed | P and L Approved | Planned ISD | Forecast or Actual ISD | TFO       | Year NID Valid | NID/NIF Estimate | PPS Estimate | TFO Forecast Cost | Project Status   |
|----------------|--|--|--------------------------------------|---------------|------------------|---------------|------------------|-------------|------------------------|-----------|----------------|------------------|--------------|-------------------|--|
| 179            | Kettles Hill Windfarm                                  | A 138 kV interconnection - < 100 m of S/C 138 kV line from existing 170L to Kettles Hill 383S<br>Installation of protection, control, PMU and communications at Kettles Hill 383S. Modifications to existing facilities at Peigan 59S and Pincher Creek 396S | Wind Generation Addition or Upgrades | 2004-07-14    | 2005-03-09       | 2005-03-25    | 2005-06-08       | 2007-04-30  | 2005-12-05             | AML       | 2005           | 1,292,000        | 835,000      | 827,241           | Phase 1 - Complete on Dec 15, 2005.<br>Phase 2 - 54 MW in April 30, 2007.                                  |
|                |  |  |                                      |               |                  |               |                  |             |                        | TransAlta | 2005           |                  | 130,000      | 107,824           |  |
| 308            | ENMAX 26S substation modifications                     | ENMAX 26S New Substation Construction  | DFO Load Growth                      | 2005-03-10    | 2005-11-25       | 2006-06-05    | 2006-06-19       | 2006-11-01  | 2007-11-01             | ENMAX     | 2005           | 6,350,000        | 5,450,000    | 5,450,000         | Construction in-progress.  |
| 343            | Bassano Substation                                     | New Bassano 138/25 kV substation   | DFO Load Growth                      | 2004-09-08    | 2005-05-10       | 2005-06-10    | 2006-02-14       | 2007-01-18  | 2007-01-18             | AML       | 2004           | 9,800,000        | 12,200,000   | 14,300,000        | Complete - Awaiting Final Costs  |
| 358            | Aquila - Bretona 725S (Sherwood Park) Sub              | New 138/25 kV Substation.  | DFO Load Growth                      | 2004-03-26    | 2004-06-14       | 2004-08-04    | 2004-12-03       | 2004-12-01  | 2005-06-24             | AML       | 2004           | 4,100,000        | 4,584,000    | 4,869,214         | Complete - Awaiting Final Project Closeout   |
| 359            | Fortis - Chestermere Lake area 25 kV breaker additions | Two new 25 kV feeders sourced from ENMAX substations to Chestermere area. Add a 25 kV regulator at Carseland 535S and Salvage shepard Substation.  | DFO Load Growth                      | 2005-10-21    | 2006-01-16       | 2006-04-19    | 2006-01-30       | 2007-05-01  | 2007-05-01             | AML       | 2005           | 420,000          | 488,200      | 488,200           | Final commissioning stage  |
|                |  |  |                                      |               |                  |               |                  |             |                        | ENMAX     | 2005           | 301,000          | 366,000      | 487,000           |  |
| 360            | Fortis - Viscount (St. Albert)                         | New 138/25 kV substation.  | DFO Load Growth                      | 2004-06-23    | 2004-12-23       | 2005-01-24    | 2005-03-09       | 2005-04-01  | 2006-05-16             | AML       | 2004           | 5,600,000        | 4,852,000    | 5,067,806         | Complete - Awaiting Final Project Closeout   |
| 376            | Blue Trail Windfarm                                    | Transmission facilities to supply 66 MW Wind Farm  | Wind Generation Addition or Upgrades |               |                  |               |                  | 2008-12-31  | 2008-12-31             | AML       | 2007           | 630,000          | 514,000      | 630,000           | Committed (within threshold)   |
|                |  |  |                                      |               |                  |               |                  |             |                        | TransAlta |                |                  | 211,001      |                   |  |
| 384            | ENMAX Taber Wind Project                               | 138 kV Transmission line upgrades as well as upgrades at Fincastle 336S and Taber Wind 134S  | Wind Generation Addition or Upgrades | 2006-04-25    | 2006-07-18       | 2006-06-14    | 2006-10-10       | 2006-12-15  | 2006-12-15             | AML       | 2006           | 6,350,000        | 7,100,000    | 7,100,000         | Substation & transmission interconnection energized. Construction and commissioning of wind farm underway. |

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| 386            | Terasen - Wardlow/Jenner                | New load (3 to 6 MW) at Jenner Station. 25 kV breaker and 25/138 kV LTC at Jenner 275S, 25kms 138 kV & establish 138/4 kV POD at Wardlow pumpstation. | Industrial Interconnection or Expansion | 2004-04-14    | 2004-11-02       | 2004-11-15    | 2004-12-23       | 2005-02-01  | 2005-05-01             | AML       | 2004           | 9,100,000        | 10,350,000   | 8,152,000         | Complete - Awaiting Final Costs              |
| 387            | Terasen - Peace Butte Station           | Install two 138 kV breakers at Bullshead 523S, construct 25kms 138 kV & establish Peace Butte 138/4 kV POD.   | Industrial Interconnection or Expansion | 2004-03-24    | 2004-10-01       | 2004-10-25    | 2005-04-13       | 2005-03-18  | 2005-05-20             | AML       | 2003           | 9,700,000        | 12,860,000   | 11,400,000        | Complete - Awaiting Final Costs              |
| 391            | GW Power Soderglen Wind                 | Transmission facilities to supply 70.5 MW Wind Project.   | Wind Generation Addition or Upgrades    | 2005-07-06    | 2005-11-08       | 2005-12-02    | 2006-02-13       | 2006-08-11  | 2006-08-11             | AML       | 2005           | 3,500,000        | 3,867,000    | 2,910,000         | Facilities Energized - Awaiting Final Costs. |
|                |   |   |   |               |                  |               |                  |             |                        | TransAlta |                |                  |              | 745,000           |  |
| 392            | VisionQuest - Waterton Wind Farm        | Transmission upgrades to supply 300 MW Wind Farm.   | Wind Generation Addition or Upgrades    |               |                  |               |                  | 2999-12-31  | 2999-12-31             | AML       |                | 27,000,000       |              |                   | Application in progress                      |
| 393            | VisionQuest Summerview Ph. II Wind Farm | Transmission upgrades to supply 60 MW Wind Farm near Pincher Creek.   | Wind Generation Addition or Upgrades    |               |                  |               |                  | 2008-12-31  | 2008-12-31             | AML       |                | 1,179,337        |              |                   | Committed (within threshold)                 |
| 405            | Elk Valley Coal                         | T-tap from 138 kV line  | Industrial Interconnection or Expansion | 2004-11-15    | 2004-12-17       | 2005-02-01    | 2005-03-01       | 2005-02-15  | 2005-04-01             | AML       | 2004           | 185,000          | 398,000      | 199,000           | Complete - Awaiting Final Project Closeout   |
| 409            | East Industrial-E52S Substation         | Upgrades to existing sub (2nd transformer and 240 kV line tap)  | DFO Load Growth                         | 2004-08-23    | 2004-10-22       | 2005-08-01    | 2005-10-19       | 2006-06-15  | 2006-09-18             | AML       |                | 300,000          | 434,000      | 315,000           | Complete - Awaiting Final Costs              |
|                |   |   |   |               |                  |               |                  |             |                        | EPCOR     | 2004           | 3,300,000        | 3,921,000    | 4,151,000         |  |
| 412            | Dome Substation                         | New 15 kV Circuit Breaker.  | DFO Load Growth                         | 2004-05-26    | 2004-06-29       | 2004-08-23    | 2004-09-16       | 2005-07-18  | 2005-06-01             | EPCOR     | 2004           | 69,000           | 70,000       | 70,000            | Complete - Awaiting Final Costs              |
| 413            | Garneau Substation                      | New 15 kV Circuit Breaker.  | DFO Load Growth                         | 2004-04-30    | 2004-10-20       | 2005-06-14    | 2005-07-11       | 2004-06-01  | 2006-02-28             | EPCOR     | 2004           | 70,000           | 70,000       | 70,000            | Complete - Awaiting Final Costs.             |
| 422            | TransCanada Edson Gas                   | New Marlboro 348S 138/4.16 kV Substation  | Industrial Interconnection or Expansion | 2004-07-05    | 2004-10-19       | 2005-02-15    | 2005-10-19       | 2005-06-30  | 2005-12-15             | AML       | 2004           | 5,350,000        | 8,220,000    | 9,200,000         | Complete - Awaiting Final Costs              |

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| 423            | CNRL Horizon Project 240 kV Connection   | Add 240 kV breaker at Dover and termination of 9L08. Expansion of Joslyn Creek to add 5-240 kV breakers and termination of 9L09, 9L66 and two 240 kV lines (owned by CNRL) to CNRL Horizon station. | Industrial Interconnection or Expansion | 2004-12-22    | 2005-04-22       | 2006-05-03    | 2006-06-12       | 2007-06-15  | 2007-06-15             | ATCO  | 2004           | 13,800,000       | 15,048,000   | 15,048,000        | Direct Assigned to ATCO.  |
| 425            | Enmax No. 6 Substation                   | New 138 kV distribution point of delivery   | DFO Load Growth                         | 2004-09-08    | 2005-03-04       | 2007-03-31    |                  | 2006-06-30  | 2008-06-01             | ENMAX | 2004           | 6,050,000        | 5,955,000    | 8,005,490         | Direct Assigned to ENMAX.   |
| 432            | Nexen/Opti Long Lake 144 kV Connection   | 144 kV Interconnection  | Industrial Interconnection or Expansion | 2004-12-21    | 2005-04-19       | 2005-10-05    | 2006-01-25       | 2006-10-02  | 2007-06-01             | ATCO  | 2004           | 7,300,000        | 7,569,000    | 7,569,000         | Complete - Awaiting Final Costs   |
| 433            | Fortis Christina Lake                    | New 240/25 kV Substation (40 MW load), 240 kV modifications to Leismer substation, 25km of 240 kV line.   | DFO Load Growth                         | 2005-02-18    | 2005-07-28       | 2005-09-14    | 2005-12-09       | 2006-09-01  | 2006-09-12             | AML   | 2005           | 21,600,000       | 27,994,000   | 29,823,000        | Complete - Awaiting Final Costs.  |
| 440            | Fortis- New Dry Creek (Airdrie) Sub      | New 138/25 kV Substation and transmission line  | DFO Load Growth                         | 2004-12-23    | 2005-05-13       | 2006-11-22    | 2007-03-16       | 2007-11-15  | 2007-11-15             | AML   | 2004           | 7,000,000        | 11,500,000   | 11,500,000        | Direct Assigned to AML  |
| 443            | Fortis Blackmud Substation               | New 138/25 kV Substation.   | DFO Load Growth                         | 2004-10-22    | 2005-09-02       | 2006-03-06    | 2006-06-01       | 2005-12-01  | 2006-12-20             | AML   | 2005           | 4,900,000        | 7,115,000    | 8,684,450         | Complete - Awaiting Final Costs.  |
| 444            | MEG Energy 240 kV Interconnection        | 25km of 240 kV line and modifications to Christina Lake substation to connect MEG Energy customer owned Conklin substation.   | Industrial Interconnection or Expansion | 2005-09-19    | 2005-12-08       | 2005-09-19    | 2005-12-08       | 2006-09-01  | 2006-09-21             | AML   | 2005           | 10,654,000       | 10,654,000   | 15,386,552        | Initial load interconnection energized Sept 27, 2006. - Awaiting Final Costs. |
| 452            | Blumenort 832S Capacity Increase         | 15/20/25 MVA LTC Transformer addition.  | DFO Load Growth                         | 2005-06-15    | 2005-12-15       | 2006-03-24    | 2006-04-07       | 2005-10-31  | 2006-07-31             | ATCO  | 2004           | 2,116,000        | 2,259,000    | 2,259,000         | Facilities Energized - Awaiting Final Costs.                                  |
| 454            | Fortis-Ross Creek 906S Capacity Increase | New 30/40/50 MVA LTC Transformer addition.  | DFO Load Growth                         | 2005-05-20    | 2005-07-27       | 2005-11-22    | 2006-01-17       | 2006-04-01  | 2006-05-01             | AML   | 2005           | 2,000,000        | 2,940,000    | 2,940,000         | Facilities Energized - Awaiting Final Costs.                                  |

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| 456            | ENMAX No.47 Substation                | New 138/25 kV substation with 1 - 30/40/50 MVA transformer, 10 - 25 kV breakers. Approximately 12 km of transmission line to interconnect the new station. 1 - 138 kV breaker at Beddington 162S | DFO Load Growth                                   | 2006-06-30    | 2006-10-02       |               |                  | 2008-09-01  | 2008-12-01             | AML   |                |                  |              |                   | TFO preparing PPS.                                   |
|                |                                       |  |   |               |                  |               |                  |             |                        | ENMAX | 2008           | 13,120,000       |              | 13,120,000        |  |
| 457            | Canmore 118S                          | New 15/20/25 MVA LTC 138/25 kV Transformer and 25 kV breaker addition  | DFO Load Growth                                   | 2006-04-18    | 2006-05-10       | 2006-06-16    | 2006-07-18       | 2006-10-01  | 2006-12-14             | AML   | 2006           | 2,950,000        | 2,460,000    | 2,460,000         | Complete - Awaiting Final Costs                      |
| 459            | Suncor Chin Chute Wind Farm           | 20km of 138 kV transmission line.  | Wind Generation Addition or Upgrades              | 2006-04-18    | 2006-05-12       | 2006-05-16    | 2006-08-18       | 2006-07-01  | 2006-10-30             | AML   | 2006           | 3,950,000        | 5,885,000    | 5,889,000         | Facilities Energized - Awaiting Final Costs          |
| 461            | Suncor Firebag Co-Gen                 | Transmission facilities to interconnect 85 MW of Gas Turbine Co-generation   | Natural Gas Fired Generation Addition or Upgrades |               |                  |               |                  | 2006-12-19  | 2007-02-07             |       |                |                  |              |                   | No TFO work. EC issued on 2007-01-05                 |
| 462            | Castle Rock Wind farm                 | Transmission Facilities to accommodate 112MW Wind Farm   | Wind Generation Addition or Upgrades              |               |                  |               |                  | 2999-12-31  | 2999-12-31             | AML   |                |                  |              |                   | Planning Stage                                       |
| 467            | ATCO Seal Lake 869S Capacity Increase | 25/33.3 MVA LTC 144/25 kV Transformer and 25 kV breaker addition   | DFO Load Growth                                   | 2005-09-13    | 2005-12-16       | 2005-09-13    | 2006-01-25       | 2005-12-15  | 2006-04-30             | ATCO  | 2005           | 2,282,000        | 2,856,000    | 2,856,000         | Facilities Energized - Awaiting Final Costs.         |
| 473            | BA Energy Heartland Project           | New point of interconnection for the Heartland upgrader project to service 35 MW of load   | Industrial Interconnection or Expansion           | 2006-06-23    | 2006-07-18       | 2006-11-14    |                  | 2007-10-01  | 2007-10-01             | AML   | 2005           | 11,669,919       | 9,700,000    | 9,700,000         | TFO awaiting P&L                                     |
| 474            | Enmax 9S 13 kV Breaker Additions      | Add 2-13 kV breakers for new ENMAX feeders   | DFO Load Growth                                   | 2005-08-30    | 2005-10-19       | 2005-12-05    | 2006-02-22       | 2007-05-15  | 2007-05-15             | ENMAX | 2004           | 215,000          | 332,240      | 440,000           | Construction in-progress.                            |
| 475            | Syncrude G11, G12, G21 Upgrade        | Syncrude G11, G12 & G21 generators   | Natural Gas Fired Generation Addition or Upgrades | 2005-05-10    | 2005-11-07       | 2006-07-18    | 2006-07-18       | 2006-05-01  | 2007-02-10             |       |                |                  |              |                   | G12 & G21 Complete. EC for G11 issued on 2006-02-15. |
| 476            | Kinder Morgan Watson Creek 104S       | 20 km of 138 kV transmission lines and a 138/4.16 kV substation.   | Industrial Interconnection or Expansion           | 2006-05-15    | 2006-06-09       | 2006-08-23    | 2006-10-31       | 2007-03-01  | 2007-04-27             | AML   | 2005           | 8,000,000        | 11,900,000   | 12,800,000        | Partially energized, transmission lines only.        |

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| 477            | Kinder Morgan Bilby 105S                  | New 138 kV transmission tap.   | Industrial Interconnection or Expansion    | 2006-05-15    | 2006-06-09       | 2006-08-02    | 2006-09-26       | 2007-03-01  | 2007-01-22             | AML  | 2005           | 360,000          | 830,000      | 830,000           | Facilities energized - Awaiting Final Costs.               |
| 478            | Kinder Morgan Paddle River 106S           | 0.1km of 138 kV transmission line and 138/4.16 kV substation.  | Industrial Interconnection or Expansion    | 2006-01-30    | 2006-06-16       | 2006-08-02    | 2006-09-06       | 2007-03-01  | 2007-04-17             | AML  | 2005           | 4,100,000        | 4,200,000    | 4,550,000         | Partially energized, transmission lines only.              |
| 480            | Sundance 4 Upgrade                        | Increase output of Sundance #4 generating unit by 53 MW. All modifications within Sundance plant and there are no transmission facility changes or additions required. | Coal Fired Generation Addition or Upgrades |               |                  |               |                  | 2007-09-06  | 2007-09-06             |      |                |                  |              |                   | TransAlta executing modifications to Sundance #4 unit.     |
| 481            | ATCO Flyingshot Substation load addition  | 25 kV Breaker Addition   | DFO Load Growth                            | 2006-04-17    | 2006-05-15       | 2006-05-26    | 2006-07-10       | 2006-05-31  | 2006-06-24             | ATCO | 2005           | 239,400          | 82,000       | 82,000            | Breaker Energized - Awaiting Final Costs.                  |
| 482            | Montana Alberta Tie (MATL)                | Build new substation 6 km north of Lethbridge including 3-240 kV breakers in ring configuration to accommodate MATL interconnection.                                   | Merchant Line                              | 2006-04-22    |                  | 2006-12-13    |                  | 2007-11-16  |                        | AML  | 2006           | 7,834,445        | 9,200,000    | 9,200,000         | Waiting for EUB approval                                   |
| 483            | Fortis Coaldale 254S Transformer Addition | Addition of a 138/25 kV transformer  | DFO Load Growth                            | 2006-05-26    | 2006-07-18       | 2006-07-30    | 2006-09-18       | 2007-05-01  | 2007-05-01             | AML  | 2005           | 2,009,000        | 2,650,000    | 2,650,000         | Construction in-progress.                                  |
| 487            | ATCO Updike 762S                          | 30km of new 138 kV transmission line and new 144/2 5kV substation.   | DFO Load Growth                            | 2006-05-25    | 2006-08-30       | 2006-10-17    |                  | 2007-03-31  | 2007-07-16             | ATCO | 2005           | 5,956,000        | 8,998,000    | 8,998,000         | Waiting for EUB approval on ATCO's Facilities Application. |
| 488            | Jenner 275S 25 kV breaker                 | Add a 25 kV breaker  | DFO Load Growth                            | 2006-04-18    | 2006-05-10       | 2006-05-16    | 2006-05-23       | 2006-10-31  | 2006-11-08             | AML  | 2005           | 281,000          | 288,800      | 308,800           | Complete - Awaiting Final Costs.                           |
| 489            | Olds 55S - 25 kV breaker addition         | Add a 25 kV breaker  | DFO Load Growth                            | 2006-04-18    | 2006-05-10       | 2007-01-07    | 2007-02-13       | 2006-10-31  | 2007-06-01             | AML  | 2005           | 484,000          | 227,500      | 577,689           | P&L approved on Feb. 13, 2007.                             |
| 491            | Wetaskiwin 40S 25 kV Breaker Addition     | 25 kV Breaker Addition   | DFO Load Growth                            | 2006-04-18    | 2006-05-15       | 2006-06-14    | 2006-06-26       | 2006-10-31  | 2006-12-22             | AML  | 2006           | 450,000          | 231,000      | 231,000           | Complete - Awaiting Final Costs                            |
| 493            | Fortis Acheson 305S Capacity Upgrade      | 138/25kV 25/33/42 MVA LTC Transformer addition   | DFO Load Growth                            | 2006-04-20    | 2006-05-12       | 2006-06-06    | 2006-06-26       | 2006-12-15  | 2006-12-22             | AML  | 2006           | 2,200,000        | 2,395,000    | 2,634,000         | Complete - Awaiting Final Cost.                            |

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| 494            | Fortis Namaka 428S Capacity Upgrade  | 138kV 15/20/25MVA LTC Transformer addition  | DFO Load Growth                                   | 2006-04-26    | 2006-05-24       | 2006-07-04    | 2006-09-05       | 2006-12-15  | 2007-01-19             | AML   | 2006           | 2,920,000        | 2,739,000    | 2,701,000         | Complete - Awaiting Final Costs.                      |
| 495            | Vermilion 710S add 144/25 kV 25/33/42 MVA transformer                            | Add 144/25 kV, 25/33/42 MVA transformer and 144 kV breaker at Vermilion 710S substation.  | DFO Load Growth                                   | 2006-04-20    | 2006-05-12       | 2006-12-19    | 2007-01-17       | 2007-05-31  | 2007-09-30             | ATCO  | 2006           | 2,679,000        | 2,837,000    | 2,837,000         | Construction in-progress. ISD forecast for Sept 30/07 |
| 496            | Suncor Firebag Stage 3   | 2 New Co-Gen Plants, new 260 kV transmission Line   | Natural Gas Fired Generation Addition or Upgrades |               |                  |               |                  | 2008-06-30  | 2008-06-30             |       |                |                  |              |                   | No TFO work anticipated                               |
| 500            | Transalta Keephills 3  | The addition of 2 - 500 kV breakers and completion of 500 kV main bus and two diameters. Interconnection of Keephills 3 generator to one of the 500 kV diameters. | Coal Fired Generation Addition or Upgrades        |               |                  |               |                  | 2010-02-01  | 2010-02-01             | AML   | 2010           | 12,028,062       |              |                   | Planning Stage  |
| 503            | Crystal Lake 722S add 2nd 144/25 kV, 30/40/50 MVA transformer and 144 kV breaker | Add second 144/25 kV, 30/40/50 MVA transformer and 144 kV breaker at Crystal Lake 722S substation.  | DFO Load Growth                                   | 2006-04-20    | 2006-05-12       |               |                  | 2007-06-30  | 2008-12-31             | ATCO  | 2007           | 4,600,000        |              | 2,300,000         | ATCO has delayed the ISD to 2008-12-31.               |
| 504            | ATCO Valleyview 794S Capacity Upgrade  | 15/20/25 MVA 144-25kV LTC Transformer addition  | DFO Load Growth                                   | 2006-04-24    | 2006-05-23       | 2006-11-28    | 2007-01-11       | 2007-06-15  | 2007-06-29             | ATCO  | 2005           | 2,172,200        | 2,016,000    | 2,016,000         | Construction in-progress..                            |
| 506            | New CloverBar 25 kV supply   | Establish 25 kV supply at CloverBar for EDI   | DFO Load Growth                                   | 2006-08-22    | 2006-10-12       | 2007-01-19    | 2007-03-12       | 2008-06-01  | 2008-06-01             | EPCOR | 2006           | 7,800,000        | 8,800,000    | 8,800,000         | P&L approved March 12, 2007.                          |
| 509            | Yagos 100 MW wind farm near Goose Lake 103S                                      | Transmission Facilities to interconnect a 100 MW Wind Farm located near Pincher Creek   | Wind Generation Addition or Upgrades              |               |                  |               |                  | 2999-12-01  | 2999-12-01             | AML   | 2007           | 5,700,000        |              | 5,700,000         | Planning Stage  |
| 510            | HWY 785 Wind Farm  | Transmission Facilities to accommodate 235MW Wind Farm  | Wind Generation Addition or Upgrades              |               |                  |               |                  | 2999-12-31  | 2999-12-31             | AML   |                |                  |              |                   | Planning Stage  |
| 512            | Joffre 525S Transformer and 25 kV breaker additions                              | One Transformer replacement, one transformer addition, and two 25 kV breakers.  | DFO Load Growth                                   | 2006-04-18    | 2006-05-10       | 2006-05-17    | 2006-07-18       | 2006-12-01  | 2007-05-15             | AML   | 2006           | 6,430,000        | 5,174,000    | 5,174,000         | Construction in-progress.                             |

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| 519            | Old Man River Wind Farm                                  | Addition of transmission line, T-tap and customer owned substation to 46 MW wind farm                | Wind Generation Addition or Upgrades              |               |                  |               |                  | 2008-12-31  | 2008-12-31             | AML  | 2006           | 9,336,476        |              | 9,336,486         | Committed (within threshold)  |
| 522            | Fortis Innisfail Breaker                                 | New 25 kV breaker addition at Innisfail 214S   | DFO Load Growth                                   | 2006-06-20    | 2006-07-12       | 2006-08-21    | 2006-09-18       | 2006-11-30  | 2007-06-27             | AML  | 2006           | 301,500          | 244,020      | 244,020           | Project prepared to go to construction. Mobile substation is scheduled for June 12th to 27th.                   |
| 524            | Riverview Wind Farm                                      | Transmission Facilities to accommodate 115MW Wind Farm   | Wind Generation Addition or Upgrades              |               |                  |               |                  | 2999-12-31  | 2999-12-31             | AML  |                |                  |              |                   | Committed   |
| 525            | ATCO Ruth Lake 848S Capacity Upgrade                     | 144/72/25kV 30/40/50 MVA LTC Transformer addition  | DFO Load Growth                                   | 2006-04-17    | 2006-05-09       | 2006-06-26    | 2006-08-28       | 2006-12-15  | 2007-02-05             | ATCO | 2006           | 2,000,000        | 1,641,975    | 1,641,975         | Facilities Energized - Awaiting Final Costs   |
| 530            | ATCO Weyerhaeuser Capacity Increase                      | Capacity Increase - 25/33/42 MVA LTC 144/13.8kV transformer addition                                 | Industrial Interconnection or Expansion           | 2007-01-24    | 2007-02-16       |               |                  | 2007-05-01  | 2008-03-15             | ATCO | 2006           | 2,983,000        | 3,124,000    |                   | DA issued.  |
| 531            | Syncrude 2nd 260 kV transmission line from DO5 to Aurora | Syncrude 2nd 260 kV transmission line from DO5 to Aurora.  | Industrial Interconnection or Expansion           | 2006-09-19    | 2006-10-12       | 2006-11-09    | 2006-11-14       | 2007-03-01  | 2008-04-01             | ATCO | 2006           | 165,000          | 216,000      | 216,000           | Construction in-progress.   |
| 532            | Shell Caroline 378S add 20 MW generator                  | Shell will add a 20 MW steam generator to supply their own plant load.                               | Natural Gas Fired Generation Addition or Upgrades |               |                  |               |                  | 2007-10-15  | 2007-11-15             | AML  |                |                  |              |                   | Protection study in progress with planning.   |
| 549            | City of Medicine Hat Gen Increase                        | Gen upgrade. No transmission work required.  | Natural Gas Fired Generation Addition or Upgrades |               |                  |               |                  | 2007-02-15  | 2007-02-15             |      |                |                  |              |                   | WECC Testing Ongoing  |
| 551            | Lafarge Exshaw Load Increase                             | Installation of third transformer. SCADA and P&C will need to be upgraded to current AESO standards. | Industrial Interconnection or Expansion           |               |                  | 2006-07-25    | 2006-08-30       | 2007-03-15  | 2007-06-15             | AML  |                |                  |              |                   | Construction in-progress.   |
| 552            | ATCO Irish Creek POD                                     | 25 kV Breaker Addition and Voltage Regulator Upgrade   | DFO Load Growth                                   | 2006-06-08    | 2006-07-04       | 2006-08-10    | 2006-08-25       | 2006-11-01  | 2007-04-01             | ATCO | 2006           | 1,024,000        | 1,096,000    | 1,096,000         | Energization Authorization issued on October 27, 2006. Commissioning of 25 kV breaker delayed until 2007-04-01. |

| Project Number | Project Name                                  | Project Description   | Need Description                                  | NID/NIF Filed | NID/NIF Approved | P and L Filed | P and L Approved | Planned ISD | Forecast or Actual ISD | TFO   | Year NID Valid | NID/NIF Estimate | PPS Estimate | TFO Forecast Cost | Project Status   |
|----------------|---|---|---|---------------|------------------|---------------|------------------|-------------|------------------------|-------|----------------|------------------|--------------|-------------------|--|
| 554            | Otauwau 729S 2 - 25 kV Breakers               | Addition of 2 - 25 kV breakers at Otauwau 729S to supply 2 new 25 kV feeders  | DFO Load Growth                                   | 2006-07-25    | 2006-08-15       | 2006-11-24    | 2006-12-20       | 2007-06-30  | 2007-06-30             | ATCO  | 2006           | 700,000          | 849,000      | 849,000           | Energization Certificate issued. Construction in-progress.                               |
| 556            | ATCO Cranberry Lake 827S Capacity Upgrade     | Install 12/20/25 MVA 144/25 kV transformer, one (1) 144 kV breaker, one (1) 144 kV gangswitch, and two (2) 25 kV motorized gangswitches | DFO Load Growth                                   | 2006-07-25    | 2006-08-18       |               |                  | 2008-04-01  | 2008-04-01             | ATCO  | 2006           | 2,252,496        | 2,425,000    | 2,292,496         | DA Issued Feb 6, 2007  |
| 568            | Fortis Edson 58S Cables                       | Replace existing 500 MCM 25 kV distribution cable with 750 MCM cable  | DFO Load Growth                                   | 2006-08-29    | 2006-09-20       | 2006-09-26    | 2006-10-18       | 2006-10-30  | 2007-03-01             | AML   | 2006           | 43,000           | 43,000       | 43,000            | Complete - Awaiting Final Costs.   |
| 579            | Bowron 674S Upgrade                           | Upgrade the distribution capacity at Bowron 674S by adding a second transformer.  | DFO Load Growth                                   | 2007-01-26    | 2007-02-16       |               |                  | 2008-03-01  | 2008-03-01             | Leth. | 2006           | 2,192,970        |              |                   | Waiting for Proposal to Provide Service.   |
| 584            | Fortis South Leduc New Sub                    | South Leduc New Substation proposed to serve the load growth in the area.   | DFO Load Growth                                   |               |                  |               |                  | 2008-08-01  | 2008-08-01             | AML   |                |                  |              |                   | Waiting for NID estimates, delayed to April 12.  |
| 592            | Fortis - Air Products Edmonton Hydrogen Plant | Additional 138/4.16 kV 15/20/25 MVA transformer at Bretville 185S   | DFO Industrial                                    | 2007-01-10    | 2007-02-12       |               |                  | 2008-03-01  | 2008-03-01             | AML   | 2006           | 1,800,000        | 1,827,500    |                   | Direction issued on March 15, 2007   |
| 593            | EPCOR CloverBar Peaker                        | Substation additions at CloverBar substation First Phase generation (40 MW) connected to existing 72 kV breaker                         | Natural Gas Fired Generation Addition or Upgrades | 2006-11-27    | 2007-03-06       | 2007-03-15    |                  | 2007-07-01  | 2008-09-15             | EPCOR | 2006           | 2,330,000        | 2,231,644    |                   | NIF approved on March 6, 2007. DA issuance in process.                                   |
| 613            | ATCO-Mariana Sub 833S                         | 25 kV Regulator Addition  | DFO Load Growth                                   | 2006-09-29    | 2006-10-24       | 2007-02-01    | 2007-03-02       | 2007-06-30  | 2007-06-30             | ATCO  | 2007           | 276,000          | 407,000      | 276,000           | Facilities Application approved on March 2, 2007. Construction will start in April 2007. |
| 618            | ATCO-Bridge Creek 798S                        | 25/33/42 MVA transformer replacement at the Bridge Creek 798S substation  | DFO Load Growth                                   | 2006-09-29    | 2006-10-24       | 2006-12-19    | 2007-01-19       | 2007-03-15  | 2007-03-15             | ATCO  | 2007           | 1,689,000        | 1,876,000    | 1,876,000         | Energization authorization issued on February 21, 2007                                   |
| 620            | EPCOR-Petrolia Breaker P84                    | 15 kV breaker addition  | DFO Load Growth                                   | 2006-09-29    | 2006-10-24       | 2006-11-20    |                  | 2007-05-01  | 2007-05-01             | EPCOR | 2006           | 62,000           | 52,443       | 52,443            | Awaiting TFO confirmation work is complete   |
| 630            | ENMAX No. 37 Feeder Addition                  | Addition of one feeder originating at No. 37 Substation.  | DFO Load Growth                                   |               |                  |               |                  | 2007-12-31  | 2007-12-31             | ENMAX |                | 487,000          |              |                   | AESO reviewing Interconnection Proposal,   |

| Project Number | Project Name  | Project Description  | Need Description             | NID/NIF Filed | NID/NIF Approved | P and L Filed | P and L Approved | Planned ISD | Forecast or Actual ISD | TFO   | Year NID Valid | NID/NIF Estimate | PPS Estimate | TFO Forecast Cost | Project Status                          |
|----------------|---|--|------------------------------|---------------|------------------|---------------|------------------|-------------|------------------------|-------|----------------|------------------|--------------|-------------------|---|
| 637            | Fortis Tilley 498S Transformer and Breaker Addition | Install a second 138 kV/25 kV supply transformer and 25 kV feeder.   | DFO Load Growth              |               |                  |               |                  | 2007-08-01  | 2007-08-01             | AML   |                |                  |              |                   | Planning Stage                          |
| 643            | Enmax No. 9 Transformer Upgrades                    | Upgrade the 2 existing 28 MVA transformers to 2 - 50 MVA transformers at the Enmax No. 9 Substation                                      | DFO Load Growth              | 2007-03-05    |                  |               |                  | 2008-12-01  | 2008-12-01             | ENMAX |                | 5,214,131        |              |                   | NIF filed with EUB March 5, 2007.       |
| 644            | Fortis Blackmud 25 kV Breaker Addition              | Addition of a 25 kV breaker at 155S  | DFO Load Growth              | 2006-11-14    | 2007-03-19       | 2006-09-15    | 2007-04-02       | 2006-12-01  | 2007-08-01             | AML   | 2006           | 87,450           |              | 87,450            | P&L approved.                           |
| 645            | Fortis Alberta Suffield 25 kV Breaker Add           | Addition of a 25 kV breaker at Suffield 895S   | DFO Load Growth              | 2007-01-04    | 2007-02-16       | 2007-03-26    |                  | 2007-08-02  | 2007-08-02             | AML   | 2006           | 381,000          | 220,000      | 381,000           | DA issued for March 20, 2007.           |
| 648            | Fortis Alberta Sylvan Lake New Substation           | New 138/25 kV Substation   | DFO Load Growth              |               |                  |               |                  | 2007-12-01  | 2008-03-01             | AML   | 2006           | 19,500,000       |              | 19,500,000        | AESO reviewing Interconnection Proposal |
| 655            | Fortis Alberta Devon 14S Conductor Upgrade          | Upgrade overhead conductor from 3/0 to 477 MCM   | DFO Reliability Requirements | 2006-12-11    |                  |               |                  | 2006-12-31  | 2007-09-01             | AML   | 2006           | 24,100           |              | 24,100            | Awaiting EUB approval                   |
| 658            | Fort Assiniboine Phase 2                            | Install two 138/25 kV 15/20/25 MVA LTC transformers, remove the installed operational spare transformer, and install two 25 kV breakers. | DFO Load Growth              |               |                  |               |                  | 2008-05-01  | 2008-05-01             | AML   |                |                  |              |                   | Planning Stage                          |
| 666            | ATCO Electric Hangingstone Substation Upgrade       | Addition of one 144kV breaker, 1-42 MVA 144/25 kV transformer and 1 25 kV breaker at the ATCO Hanginstone substation.                    | DFO Load Growth              |               |                  |               |                  | 2008-06-01  | 2008-06-01             | ATCO  | 2008           | 5,341,440        |              |                   | Planning stage.                         |
| 682            | Enmax No. 7 Transformer Addition                    | Transformer addition at Enmax # 7 sub due to load growth   | DFO Load Growth              |               |                  |               |                  | 2008-11-01  | 2008-11-01             | ENMAX |                | 3,789,093        |              |                   | Interconnection Proposal under review   |
| 683            | Kirby In-Situ Oil Sands Plant                       | CNRL proposed SAG D Plant  | DFO Industrial               |               |                  |               |                  | 2010-12-15  | 2010-12-15             | AML   |                |                  |              |                   | Planning Stage                          |

| Project Number | Project Name | Project Description | Need Description | NID/NIF Filed | NID/NIF Approved | P and L Filed | P and L Approved | Planned ISD | Forecast or Actual ISD | TFO | Year NID Valid | NID/NIF Estimate | PPS Estimate | TFO Forecast Cost | Project Status |
|----------------|--------------|---------------------|------------------|---------------|------------------|---------------|------------------|-------------|------------------------|-----|----------------|------------------|--------------|-------------------|----------------|
|----------------|--------------|---------------------|------------------|---------------|------------------|---------------|------------------|-------------|------------------------|-----|----------------|------------------|--------------|-------------------|----------------|

**Notes:**

1. Project Number: This is a number that is assigned by the AESO to each project that could potentially be Direct Assigned to a TFO by the AESO.
2. NID/NIF Filed: For Sytem Projects over \$10 million, this is the date that the AESO submits to the EUB a Need Information Document (NID) for approval as per the requirement of Section 34(1) of the Act. For System Projects under \$10 million or Customer Interconnections, this is the date the AESO submits to the EUB a Need Information Filing (NIF) for information purposes (The EUB will post the NIF on its website for comment, if no comments are received the EUB will notify the AESO and the AESO will then proceed with Direct Assigning the project to the TFO(s) ).
3. NID/NIF Approved: This is the date the NID is approved by the EUB or for a NIF, this is typically 21 days after the NIF is filed for information purposes.
4. P and L Filed: This is the date that the TFO's Permit and License application (sometimes referred to as the Facility Application) is registered with the EUB. For Projects with mutple applications, this is the date the first application is registered.
5. P and L Approved: This is the date that the TFO's Permit and License application is approved by the EUB. For Projects with mutple applications, this is the date the last application is approved.
6. Planned ISD: In coloboration with the TFO, and taking into consideration the customers requirements, this is the initial in-service-date(ISD) that the AESO has established at the NID/NIF or Interconnection Proposal (IP) stage of the project.
7. Forecast or Actual ISD: This is the most recent information the TFO has provided to the AESO on the expected ISD. This information is typically provided to the AESO in the PPS (Proposal to Provide Service) or Project Monthly Reports provided by the TFO.
8. TFO: These are the Transmsion Facility Owners (TFO) who have provided and are responsible for the estimates, schedule, construction and costs for the project. The TFO's eligible are designated by service territory as defined in ISO Rule 9.1. Eligible TFO's are as follows;
  - AML: Altalink L.P.
  - ATCO: ATCO Electric Ltd
  - EPCOR: EPCOR Transmission Inc.
  - ENMAX: ENMAX Power Corporation
  - TAU: TransAlta Utilities Corp
  - Leth: City of Lethbridge
  - RD: City of Red Deer
9. Year NID Valid: This indicates the year of validity of the NID estimate (i.e. an estimate may be completed in 2006 \$'s but should include escalation to put the estimate in the year the Project is expected to go in service)
10. NID/NIF Estimate: Is a +/- 30 % estimate that is provided by the TFO and accompanies the NID or NIF submitted to the EUB. The AESO uses the estimate to assist with project scope decisions. The The TFO's are required to submit the estimate in the format as per the requirements of the ISO Rule 9.1 aavailable on the AESO WEB site.
11. PPS Estimate: Is a +20/-10% estimate that accompanies the TFO's Proposal to Provide Service's (PPS) document. Prior to the AESO Direct Assigning a project to a TFO, the TFO must submit a PPS to the AESO for review. The AESO will review the document c/w the estimate to ensure that the scope of the services provided in the PPS are as per requested. The TFO's are required to submit the PPS and estimate in the format as per the requirements of the ISO Rule 9.1 available on the AESO WEB site.
12. TFO Forecast Cost: This is the most recent cost estimate provided by the TFO. This could come from the TFO provided NID Estimate, PPS Estimate, Monthly Project Report (for projects over \$1 million), Project Variance Report or Final Cost Report.
13. Project Status: This provides a brief status of the project.