

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	138kV interconnection	To serve new 63MW wind farm near Pincher Creek.	2004-07-14	2005-03-09	2005-03-25	2005-06-08	2007-03-30	2005-12-05	AML	2005	1,292,000	968,000	839,043	Phase 1 - Complete on Dec 15, 2005. Phase 2 - 54 MW in March 30, 2007.
										TransAlta			113,000		
307	Norcen-812S 144/25 kV Station Upgrade	Station upgrade	To meet load growth.	2004-05-21	2004-08-09	2005-07-05	2005-07-20	2004-12-01	2006-02-28	ATCO	2004	1,660,000	1,620,000	1,620,000	Complete. Awaiting Final Costs.
308	ENMAX 26S substation modifications	ENMAX 26S New Substation Construction	Accommodate load growth.	2005-03-10	2005-11-25	2006-06-05	2006-06-19	2006-09-01	2007-07-01	ENMAX	2005	6,350,000	5,450,000	5,450,000	Under Construction
333	Enmax #7 Sub (new)	New 138/25kV substation.	To accommodate load growth.	2004-02-03	2004-04-20	2004-05-04	2004-05-31	2004-11-01	2005-08-08	ENMAX	2003	4,900,000	5,310,000	5,038,000	Final Costs Received, Project Complete.
341	Briker 880S New Substation	New Substation in Lloydminster area	To accommodate load growth.	2004-02-24	2004-08-09	2005-05-31	2005-09-12	2004-10-01	2005-12-20	ATCO	2004	3,200,000	4,600,000	4,781,337	Complete. Awaiting Final Costs.
343	Bassano Substation	New Bassano 138/25kV substation	To serve growing load in the Bassano area.	2004-09-08	2005-05-10	2005-06-10	2006-02-14	2006-05-11	2006-05-11	AML	2004	9,800,000	12,200,000	12,200,000	Direct Assigned to AML.
347	ANC Petro-Canada RCP1 Hydrogen Plant Project	New 138/13.8kV substation.	Required to accommodate new Fortis load.	2004-06-23	2004-07-26	2004-11-19	2004-12-23	2005-08-08	2005-08-13	AML	2004	5,200,000	6,400,000	6,268,099	Final costs received. In process of closing project.
356	Vision Quest Summerview Wind Farm	138kV interconnection to supply 68MW wind farm near Pincher Creek.	138kV interconnection to supply 68MW wind farm near Pincher Creek.	2004-02-09	2004-04-22	2004-04-27	2004-09-01	2004-05-15	2004-09-30	AML	2003	5,330,000	3,836,000	3,836,000	Awaiting final project closeout
358	Aquila - Bretona 725S (Sherwood Park) Sub	New 138kV/25kV Substation.	To accommodate 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	4,836,000	Final Costs received in August 2006 and currently under review.
359	Fortis - Chestermere Lake area 25kV breaker additions	Two new 25kV feeders sourced from ENMAX substations to Chestermere area. Add a 25 kV regulator at Carseland 535S and Salvage shepard Substation.	Increase supply and backup capability into the chestermere area to accommodate load growth. Need separately approved by EUB.	2005-10-21	2006-01-16	2006-04-19		2006-12-01	2006-12-01	AML	2005	420,000	488,200	488,200	Direct assigned
										ENMAX	2005	301,000	366,000	465,000	
360	Fortis - Viscount (St. Albert)	New 138kV/25kV substation.	To accommodate 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	4,786,000	Final Costs received in August 2006 and currently under review.

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361	Fortis - Suffield 895S Regulator Upgrade	PH 1- Regulator upgrade and 25 kV feeder addition; PH II - transformer and 138 kV breaker additions at suffield 895S	Capacity additions to meet load growth. Existing 2nd transformer (6MVA) replaced to add load growth	2003-07-17	2003-09-12	2005-05-05	2005-10-24	2004-10-15	2006-04-27	AML	2003	3,400,000	3,778,000	4,400,000	PH 1 Completed PH 2 Completed
375	Blueridge 701S	Transformer and interrupting device upgrade.	Required to accommodate new Fortis load.	2004-06-10	2005-07-20	2005-05-06	2005-06-07	2006-04-30	2006-05-01	AML	2004	2,100,000	2,080,000	2,232,265	Awaiting final costs
376	Blue Trail Windfarm	Transmission facilities to supply 66 MW wind farm	Transmission facilities to supply 66 MW wind farm					2008-03-01	2008-03-01	AML	2007	630,000		630,000	Awaiting PPS
383	Leming Lake - 715	Upgrades to existing substation.	Required to accommodate new ATCO load.		2005-03-22	2005-06-29	2005-07-18	2006-03-15	2006-05-01	ATCO	2004	3,000,000	3,141,000	3,141,000	EC issued - 2 Stages - customer portion (ISD May 31, 2006) - system portion (ISD June 15, 2006).
384	ENMAX Taber Wind Project	138 kV Transmission line upgrades as well as upgrades at Fincastle 336S and Taber Wind 134S	Transmission upgrade to supply 80MW Wind Energy Project east of Taber.	2006-04-25	2006-07-18	2006-06-14	2006-10-10	2006-08-31	2006-11-15	AML	2006	6,350,000	7,100,000	7,100,000	P&L filed
386	Terasen - Wardlow/Jenner	New load (3 to 6MW) at Jenner Station. 25kv breaker and 25/138kv LTC at Jenner 275S, 25kms 138kv & establish 138/4kv POD at Wardlow pumpstation.	Required to accommodate new direct-connect customer load.	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. Final costs received for customer portion. Awaiting remaining final costs for system portion.
387	Terasen - Peace Butte Station	Install two 138kv breakers at Bullshead 523S, construct 25kms 138kv & establish Peace Butte 138/4kV POD.	Required to accommodate new direct-connect customer load.	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. Final costs received for customer portion. Awaiting remaining final costs for system portion.
391	GW Power Soderghen Wind	Transmission facilities to supply 70.5MW Wind Project.	Transmission facilities to supply 70.5MW Wind Project.	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	4,022,000	Awaiting final costs
392	VisionQuest - Waterton Wind Farm	Transmission upgrades to supply 300MW Wind Farm. - Project on hold pending resolution of operational constraints	Transmission upgrades to supply 300MW Wind Farm.					2999-12-31	2999-12-31	AML		27,000,000			Project Under Customer Review - delayed due system operational issues
393	VisionQuest Summerview Ph. II Wind Farm	Transmission upgrades to supply 60MW Wind Farm near Pincher Creek.	Transmission upgrades to supply 60MW Wind Farm near Pincher Creek.					2008-03-01	2008-03-01	AML				27,000,000	Planning Stage
405	Elk Valley Coal	T-tap from 138kV line	Customer Interconnection	2004-11-15	2004-12-17	2005-02-01	2005-03-01	2005-02-15	2005-04-01	AML	2004	185,000	199,000	199,000	Complete. Awaiting Final Costs.

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409	East Industrial-E52S Substation 240/25 kV Capacity Increase	Upgrades to existing sub (2nd transformer and 240kV line tap)	Improve supply reliability	2004-08-23	2004-10-22	2005-08-01	2005-10-19	2006-09-18	2006-09-18	AML		300,000	434,000	315,000	Under construction
										EPCOR	2004	3,300,000	3,921,000	4,151,000	
412	Dome Substation	New 15kV Circuit Breaker.	Required to accommodate new EPCOR load.	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 15kV Circuit Breaker.	Required to accommodate new EPCOR load.	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.
420	Air Products Edmonton Refinery	New 138/13.8kV substation.	Required to accommodate new Fortis load.	2004-06-29	2004-10-05	2004-11-05	2005-04-13	2005-07-14	2005-08-18	AML	2004	5,200,000	6,300,000	5,523,585	Final costs received. In process of closing project.
421	North Calder-37S Bkr addition	New 25kV breaker addition at North Calder 37s .	Aaccommodate EPCOR load growth.	2004-06-23	2004-12-23			2005-09-12	2006-06-15	AML	2004	452,000	478,000	570,000	Completed - awaiting Final costs
422	TransCanada Edson Gas	New Marlboro 348S 138/4.16kV Substation	Support customer load	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	Awaiting Final Costs
423	CNRL Horizon Project 240 kV Connection	240kV Interconnection	Serve load customer - Oilsands Load	2004-12-22	2005-04-22	2006-05-03	2006-06-12	2007-03-01	2007-06-01	ATCO	2004	13,800,000	15,048,000	15,048,000	Direct Assigned to ATCO.
425	Enmax No. 6 Substation	New 138kV distribution point of delivery	Address DFO reliability needs.	2004-09-08	2005-03-04			2006-06-30	2008-04-01	ENMAX	2004	6,050,000	5,955,000	5,955,000	Direct Assigned to ENMAX.
432	Nexen/Opti Long Lake 144 kV Connection	144 kV Interconnection	Required to supply growing load of Nexen/Opti Long Lake Project.	2004-12-21	2005-04-19	2005-10-05	2006-01-25	2006-10-02	2006-10-02	ATCO	2004	7,300,000	7,569,000	7,569,000	Customer owned Long Lake substation and associated transmission line energized early October. Generators expected to come on-line in early 2007.
433	Fortis Christina Lake	New 240 / 25kV Substation (40MW load), 240kV modifications to Leismer substation, 25km of 240kV line.	Fortis end use customer load growth (Encana, Devon, Access) in Christina Lake area that cannot be accommodated through existing distribution system. System developed at 240 kV in anticipation of further 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	Energized 16th September 2006
435	Air Liquide 337S	Transformer addition.	Required to accommodate new ATCO load.	2004-08-27	2004-10-05	2005-04-29	2005-06-01	2005-07-22	2005-07-19	AML	2004	1,320,000	2,074,000	2,008,106	Final cost sent by AML on May 5, 2006. Re-sent on July 18, 2006.
438	Oyen - 767S Substation capacity upgrade	Additon of transformer fans and upgrade to existing regulator.	Required to accommodate new ATCO load.	2004-08-24	2004-09-02	2004-11-12	2005-01-21	2004-11-01	2005-02-28	ATCO	2004	191,000	191,000	122,000	Final costs received. In process of closing project.

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440	Fortis- New Dry Creek (Airdrie) Sub	New 138/25kV Substation and transmission line	To supply growing Airdrie load.	2004-12-23	2005-05-13			2005-12-01	2007-09-01	AML	2004	7,000,000	11,500,000	11,500,000	Awaiting customer commitment
443	Fortis Blackmud Substation	New 138/25kV substation.	Required to accommodate new Fortis load.	2004-10-22	2005-09-02	2006-03-06	2005-11-07	2006-12-01	2006-12-01	AML	2005	4,900,000	7,115,000	8,684,450	Direction issued to AML.
444	MEG Energy 240kV Interconnection	25km of 240kV line and modifications to Christina Lake substation to connect MEG Energy customer owned Conklin substation.	New 240kV line to connect MEG Energy oil sands project in the Christina Lake area. MEG Energy are developing a SAGD oil sands project in the Conklin area. This project has load and generation components that need to be connected to the AIES.	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 27th September 2006
452	Blumenort 832S Capacity Increase	15/20/25MVA LTC Transformer addition.	832S Capacity increase to meet 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. Waiting for final costs.
454	Fortis-Ross Creek 906S Capacity Increase	New 30/40/50 MVA LTC Transformer addition.	Capacity increase to meet load growth at Praxair Plant	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. Waiting for final costs.
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	New substation to serve north west Calgary load increase.	2006-06-30	2006-10-02			2008-09-01	2008-09-01	AML ENMAX	2008	13,120,000		13,120,000	TFO Preparing PPS Estimate Notes: ENMAX NID estimate includes AML costs
457	Canmore 118S	New substation.	Required to accommodate new Fortis load.	2006-04-18	2006-05-10	2006-06-16		2006-12-01	2006-11-07	AML	2006	2,950,000	2,460,000	2,460,000	Direction issued to AML.
459	Suncor Hillridge Wind Farm	20km of 138kV transmission line.	Required to accommodate new Suncor wind generation.	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	5,855,000	Under construction
461	Suncor Firebag Co-Gen	Transmission facilities to interconnect 85 MW of Gas Turbine Co-generation	Transmission facilities to interconnect 85 MW of Gas Turbine Co-generation					2007-06-01	2007-06-01						No TFO work required. Facilities under construction.
462	Castle Rock Wind farm	Install Transmission facilities	To connect 112 MW wind farm near Pincher Creek					2007-04-01	2999-12-31	AML					Planning Stage

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464	Pincher Creek 25kV Voltage Regulator	Replace 25kV Voltage regulator	To support load growth.		2005-10-19	2006-02-14	2006-02-14	2005-10-31	2006-01-20	AML	2005	195,000	429,738	215,000	Complete. Project Closeout underway
467	ATCO Seal Lake 869S Capacity Increase	25/33.3 MVA LTC 144/25kV Transformer and 25kV breaker addition	Capacity increase to meet 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	New point of interconnection for the Heartland upgrader project to service 35 MW of load	2006-06-23	2006-07-18			2007-10-01	2007-10-01	AML	2005	25,189,919	9,700,000		Awaiting customer security
474	Enmax 9S 13kV Breaker Additions	Add 2-13kV breakers for new ENMAX feeders	Increased load in Calgary.	2005-08-30	2005-10-19	2005-12-05	2006-02-22	2006-07-01	2006-11-11	ENMAX	2004	215,000	332,240	440,000	Under construction
475	Syncrude G11, G12, G21 Upgrade	Syncrude G11, G12 & G21 generators	New generation to meet load growth within Industrial System Designation		2005-11-07	2006-07-18	2006-07-18	2006-05-01	2006-09-30						G12 & G21 Complete. G11 pending on steam plant completion.
476	Kinder Morgan Watson Creek 104S	New 138kV transmission tap and 138/4.16kV substation.	Required to accommodate new direct-connect customer load.	2006-05-15	2006-06-09	2006-08-23		2007-03-01	2007-03-01	AML	2005	8,000,000	11,900,000	11,900,000	P and L filed
477	Kinder Morgan Bilby 105S	New 138kV transmission tap.	Required to accommodate new direct-connect customer load.	2006-05-15	2006-06-09	2006-08-02	2006-09-26	2007-03-01	2007-03-01	AML	2005	360,000	830,000	830,000	P&L approved. AltaLink and ATCO are building facilities.
478	Kinder Morgan Paddle River 106S	20km of 138kV transmission line and 138/4.16kV substation.	Required to accommodate new direct-connect customer load.	2006-01-30	2006-06-16	2006-08-02	2006-09-06	2007-03-01	2007-03-01	AML	2005	4,100,000	8,400,000	4,200,000	P&L approved. AltaLink building facilities.
481	ATCO Flyingshot substation load addition	New 25kV breaker	New 25kV breaker to meet 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 for final costs.
482	Montana Alberta Tie (MATL)	Merchant Line Connecting Alberta To Montana	Build new substation 6 km north of Lethbridge including 3-240kV breakers in ring configuration to accommodate MATL interconnection.	2006-04-22				2007-01-01	2007-01-01	AML	2007	7,800,000		7,800,000	NID being revised/developed due to scope change - NID submitted on April 22, 2006 has been put on hold
483	Fortis Coaldale 254S Transformer Addition	Addition of a 138/25kV transformer	Addition of a 138/25kV transformer	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		DA Issued, Project on track

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487	ATCO Urdike 762S	30km of new 138kV transmission line and new 144/25kV substation.	Required to accommodate new ATCO load.	2006-05-25	2006-08-30			2007-03-31	2006-12-31	ATCO	2005	5,956,000	8,998,000	8,998,000	Direction issued to ATCO.
488	Jenner 275S 25 kV breaker	Add a 25 Kv breaker	New Fortis load exceeding existing feeder capacity is key driver	2006-04-18	2006-05-10	2006-05-16	2006-05-23	2006-10-31	2006-10-31	AML	2005	281,000	288,800	308,800	Direct assigned - Progressing on schedule
489	Olds 55S - 25 kV breaker addition	Add a 25 Kv breaker	New Fortis feeder - driven by new load exceeding existing feeder capacity.	2006-04-18	2006-05-10	2006-06-15		2006-10-31	2006-04-30	AML	2005	484,000	227,500	357,600	Direct assigned - Awaiting P&L
491	Wetaskiwin 40S 25kV Breaker Addition	25 kV Breaker Addition	Suppot Load Growth - - exceeding capacity of existing feeders	2006-04-18	2006-05-15	2006-06-14	2006-06-26	2006-10-31	2006-12-15	AML	2006	450,000	231,000	231,000	P&L approved.
493	Fortis Acheson 305S Capacity Upgrade	Transformer addition	For backup requirements	2006-04-20	2006-05-12	2006-06-06	2006-06-26	2005-12-15	2006-12-05	AML	2006	2,200,000	2,395,000	2,395,000	Direct Assign issued on May 11, 2006
494	Fortis Namaka 428S Capacity Upgrade	Transformer addition	To meet load growth.	2006-04-26	2006-05-24	2006-07-04	2006-09-05	2005-12-15	2006-12-21	AML	2006	2,920,000	2,739,000	2,739,000	Direct Assign issued on June 22, 2006.
495	Vermilion 710S add 144/25 kv 25/33/42 mva transformer	Add 144/25 kv, 25/33/42 Mva transformer and 144kv breaker at Vermilion 710S substation.	Add second transformer to accomodate load growth and to off load the tertiary of the existing 144/72/25 kv transformer.	2006-04-20	2006-05-12			2007-05-31	2007-05-30	ATCO	2006	2,679,000	2,837,000	2,837,000	PPS under review. Direction letter issued July 10
496	Suncor Firebag Stage 3	2 New Co-Gen Plants, new 260kV transmission Line	2 New Co-Gen Plants, new 260kV transmission Line					2008-06-30	2008-06-30						No TFO Work anticipated
503	Crystal Lake 722S add 2nd 144/25kv, 30/40/50 MVA transformer and 144kv breaker	Add second 144/25kv, 30/40/50 MVA transformer and 144kv breaker at Crystal Lake 722S substation.	Add second transformer to accomodate load growth. To maintain standards of service and supply adequate back up to the area.	2006-04-20	2006-05-12			2007-06-30	2008-03-01	ATCO	2007	2,300,000		2,300,000	ATCO has delayed the ISD to March, 2008. ATCO delayed the PPS to end of November, 2006
504	ATCO Valleyview 794S Capacity Upgrade	Transformer addition	Required to meet load growth	2006-04-24	2006-05-23			2005-12-15	2006-12-31	ATCO	2005	2,172,200	2,016,000	2,016,000	Direct Assign Issued
506	New Cloverbar 25 kV supply	Establish 25 kV supply at Clover bar for EDI	Establish 25 kV supply at Clover bar for EDI - Existing supply from fortis has diminishing capacity and EDI is forcasting new load in the area.	2006-04-05	2006-04-05			2008-06-01	2008-06-01	EPCOR		7,800,000		7,800,000	Awaiting PPS

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509	Yagos 100 MW winf farm near Goose Lake 103S	Transmission Facilities to interconnect a 100MW Wind Farm located near Pincher Creek	Transmission Facilities to interconnect a 100MW Wind Farm located near Pincher Creek					2999-12-01	2999-12-01	AML	2007	14,700,000		14,700,000	Preliminary Interconnection Proposal and customer contribution complete. Waiting for next stage interconnection proposal. Customer is outside the 900 MW threshold.
510	HWY 785 Wind Farm	Install transmission facilities	To interconnect 235 MW wind farm in SW Alberta					2009-09-01	2999-12-31	AML					Planning Stage
511	ATCO Kinosis - 25 kV breaker addition	Add a 25 Kv breaker for new ATCO dist. feeder	Required to accommodate growth		2006-02-14	2006-02-15	2006-03-27	2006-05-01	2006-05-08	ATCO	2006	312,000	312,000	312,000	Completed - Awaiting Final Costs
512	Joffre 525S Transformer and 25 kV breaker additions	One Transformer replacement, one transformer addition, and two 25 kV breakers. Transformer addition and new breakers to be in service Dec 1, 2006. Transformer replacement to be in service May 1, 2007	To meet load growth - Major industrial loads being supplied by Fortis in the area.	2006-04-18	2006-05-10	2006-05-17		2006-12-01	2006-12-01	AML	2006	6,430,000	5,174,000	5,174,000	Direct Assign issued on May 11, 2006.
519	Old Man River Wind Farm	Addition of transmission line, T-tap and customer owned substation to 46MW wind farm	Addition of transmission line, T-tap and customer owned substation to 46MW wind farm					2008-03-01	2008-03-01	AML	2006	9,336,476			Planning Stage
522	Fortis Innisfail Breaker	New 25kV breaker addition at Innisfail 214S to accommodate Fortis load growth.	Customer load additions in 2006 will exceed the 26 MVA capability of the Fortis 4765T feeder, requiring a new feeder to be constructed.	2006-06-20	2006-07-12	2006-08-21	2006-09-18	2006-11-30	2006-11-30	AML	2006	301,500	244,020	244,020	P & L Approved
523	Fort Assiniboine 234S	Replacement of existing 7.5 MVA transformer with a 25 MVA transformer, and addition of two 25 kV breakers. Phase 1: Replacement of 7.5 MVA transformer with operational spare 25 MVA transformer to alleviate immediate load concerns.	New coalbed methane projects in the area will lead to an expected increase of almost 20 MVA over the next 4 years. The existing transformer will be over capacity by July 2006.	2006-03-31	2006-04-12	2006-03-31	2006-04-12	2006-06-01	2006-06-01	AML	2006	585,000	313,761	314,000	Phase 1 Energized Waiting for IP for Phase II
524	Riverview Wind Farm	Install transmission facilities	To interconnect 115MW wind farm in SW Alberta					2007-09-01	2999-12-31	AML					Planning Stage
525	ATCO Ruth Lake 848S Capacity Upgrade	Transformer addition	To meet load growth.	2006-04-17	2006-05-09	2006-06-26	2006-08-28	2006-12-15	2006-12-31	ATCO	2006	2,000,000	1,641,975	1,641,975	P & L approved.

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
531	Syncrude 2nd 260 kV transmission line from DO5 to Aurora	Syncrude 2nd 260kV transmission line from DO5 to Aurora. This project includes system work to re-build crossing.	Syncrude 2nd 260kV transmission line from DO5 to Aurora. This project includes system work to re-build crossing.	2006-09-19				2007-03-01	2007-03-01	ATCO	2006	165,000	216,000	216,000	NIF files with EUB for system work.
549	City of Medicine Hat Gen Increase	Gen upgrade. No transmission work required. Commissioning certificate required	The City of Medicine Hat plans to upgrade units CT10R and CT11R from LM2500 units to LM2500+ resulting in a per unit increase from 21.9 MW to 27.2 MW.					2007-01-12	2007-01-05						Generator currently being upgraded
551	Lafarge Exshaw Load Increase	Installation of third transformer. SCADA and P&C will need to be upgraded to current AESO standards.	Customer load requirements			2006-07-25	2006-08-30	2007-03-15	2007-03-15	AML					P&L approved. AltaLink working directly with Fortis and Lafarge
552	ATCO Irish Creek POD	25kV Breaker Addition and Voltage Regulator Upgrade	Increase station capacity to accommodate new 11MVA pipeline booster station load.	2006-06-08	2006-07-04	2006-08-10	2006-08-25	2006-11-01	2006-11-01	ATCO	2006	1,024,000	1,096,000		Facilities application approved on August 25, 2006.
554	Otauwau 729S 2 - 25kV Breakers	Addition of 2 - 25 kV breakers at Otauwau 729S to supply 2 new 25 kV feeders	Required to increase the reliability of supply to the Town of Slave Lake and the Tolk oriented stranded board (OSB) plant.	2006-07-25	2006-08-15			2007-02-01	2007-02-01	ATCO	2006	700,000	849,000	849,000	Direction issued September 15, 2006
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	Existing transformer and regulator will be overloaded by 2007.	2006-07-25	2006-08-18			2007-12-31	2007-12-31	ATCO	2006	2,252,496		2,292,496	TFO Preparing PPS.
568	Fortis Edson 58S Cables	Replace existing 500MCM 25kV distribution cable with 750MCM cable	Customer load growth	2006-08-29	2006-09-20	2006-09-26		2006-10-30	2006-10-30	AML	2006	43,000	43,000	43,000	P & L filed
584	Fortis South Leduc New Sub	South Leduc New Substation - details pending	New POD proposed to serve the load growth in the area.					2008-08-31	2008-08-31	AML					Planning preparing interconnection proposal.
589	Red Deer Transformer Uprate	Add cooling fans to existing 40MVA transformer.	Distribution reliability requirement	2006-08-29	2006-09-20	2006-09-22		2006-10-30	2006-10-30	Red Deer	2006	20,000	20,000	20,000	P & L filed
596	Gregg River 476S Decommissioning	Salvage Gregg River 476S and remove a section of transmission line	Customer terminated DTS contract					2006-12-31	2006-12-31	AML	4012				Project postponed as customer has once again requested extension on DTS contract

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613	ATCO-Mariana Sub 833S	25kV Regulator Addition	To meet 11MVA additional load.	2006-09-29				2007-04-01	2007-04-01	ATCO		276,000		276,000	IP filed for information to EUB
618	ATCO-Bridge Creek 798S	25/33/42 MVA transformer replacement at the Bridge Creek 798S substation	Transformer increase due to anticipated load increase from Ainsworth Grande Prairie facility.	2006-09-29				2007-02-28	2007-02-28	ATCO	2007	1,689,000			Awaiting PPS

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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 mutiple 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 mutiple applications, this is the date the last application is approved.
6. Planned ISD: In colaboration 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 escaltion 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 avialable 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.