

## NEPSI Partial Experience List

MV Metal Enclosed Power Capacitor Banks, Harmonic Filter Banks, actiVAR™, and RC Snubber Products

Year	Customer	KV	MVAR	# of Steps	# of Stages	Description	Qty	Industry
2000	Ark Valley Electric Coop	2.4	3.60	3	3	Automatic Capacitor Bank	1	Utility
2000	Mishawaka Utilities, IN	12.47	1.80	3	2	Automatic Capacitor Bank	7	Utility
2000	Public Service Electric & Gas	4.16	5.40	2	2	Automatic Capacitor Bank	1	Utility
2000	Reading Municipal Light Department, MA	13.8	3.60	1	1	Pad Mount Capacitor Bank	4	Utility
2000	Kissimmee Utility	13.2	6.00	1	1	SCADA Controlled Capacitor Bank	2	Utility
2000	Minnkota Power Cooperative	13.2	2.00	5	5	Single-Tuned Automatic Harmonic Filter	2	Utility
2001	Alliant Energy	13.2	2.10	7	3	Automatic Capacitor Bank	2	Utility
2001	Pasadena	17.2	5.40	1	1	Automatic Capacitor Bank	4	Utility
2001	Sacramento Municipal Utility District	12.47	3.60	2	2	Automatic Capacitor Bank	8	Utility
2001	United Illuminating	14.4	7.20	1	1	Capacitor Bank	3	Utility
2001	Pend Oreille Mining	12.47	1.50	fixed		Notch Harmonic Filter	2	Mining
2001	Hoosier Energy, IN	12.47	9.00	3	3	Single-Tuned Automatic Harmonic Filter	1	Utility
2002	Naval Station Ingleside	12.47	2.40	3	2	Automatic Capacitor Bank	1	Government
2002	City of Burbank	34.5	18.00	3	3	Automatic Capacitor Bank	1	Utility
2002	Maquoketa Municipal Utility	12.47	2.40	2	2	Automatic Capacitor Bank	1	Utility
2002	Nashville Electric Service	23.9	9.90	3	3	Automatic Capacitor Bank	3	Utility
2002	Syed Bhais	11	2.5-5.4	6	3	Automatic Capacitor Bank	2	Utility
2002	Mountaineer Wind Energy	34.5	9.00	6	3	Automatic Capacitor Bank	1	Wind Energy
2002	Mountaineer Wind Energy	34.5	9.00	3	3	Automatic Capacitor Bank	1	Wind Energy
2002	Utiliserve for Ottawa, KS	12.47	0.60	1	1	Capacitor Bank	2	Utility
2002	BC Hydro	25.20	0.60	1	1	Notch Harmonic Filter	1	Utility
2002	Hoosier Energy, IN	12.47	2.90	3	3	Notch-Tuned Harmonic Filter	2	Utility
2002	Hudson Municipal Light Board	14.4	8.80	3	3	Notch-Tuned Harmonic Filter	1	Utility
2002	Burlington Electric	13.8	1.80	2	2	Pad Mount Capacitor Bank	1	Utility
2002	Delano Public Utilities	12.47	1.20	3	2	Automatic Capacitor Bank	1	Utility
2003	Sparks	4.16	0.30	3	2	Automatic Capacitor Bank	1	Utility
2003	Hoosier Energy, IN	12.47	5.90	2	2	Automatic Harmonic Filter	1	Utility
2003	Roseville	12	1.20	1	1	Pad Mount Capacitor Bank	1	Utility
2004	East Fairfield Limestone	12.47	2.10	7	3	Automatic Capacitor Bank	1	Mining
2004	Peru Mining	10	1.55	3	2	Automatic Capacitor Bank	1	Mining
2004	White Lime Co	25	3.00	3	3	Automatic Capacitor Bank	1	Mining
2004	Consumers Energy	8.32	1.80	2	2	Automatic Capacitor Bank	1	Utility
2004	Sacramento Municipal Utility District	12.47	3.60	2	2	Automatic Capacitor Bank	25	Utility
2004	NSTAR	14.4	9.60	fixed		Capacitor Bank	6	Utility
2004	Cielo Wind Farm	34.5	0.58	fixed		Notch Tuned Harmonic Filter	1	Wind Energy
2004	BGE	13.2	1.20	1	1	Pad Mount Capacitor Bank	1	Utility
2004	City of Melrose (MN)	7.2	0.90	1	1	Pad Mount Capacitor Bank	3	Utility
2004	American Superconductor	12.47	4.35	4	4	Single-Tuned Automatic Harmonic Filter	1	Semiconductor
2004	American Superconductor	12.47	5.80	5	5	Single-Tuned Automatic Harmonic Filter	1	Semiconductor
2004	Scottish & Southern	33		fixed		Single-Tuned Harmonic Filter	1	Wind Energy
2005	Alliant Energy	4.16	0.60	2	2	Automatic Capacitor Bank	1	Utility
2005	Nashville Electric Service	23.9	9.90	3	3	Automatic Capacitor Bank	8	Utility
2005	AMEC for Erie Wind	34.5	24.00	3	3	Automatic Capacitor Bank	1	Wind Energy
2005	AMEC for Teck-Pogo	4.16	1.80	1	1	Capacitor Bank	2	Mining
2005	DeBeers Dimond Mining	13.8	0.37	1	1	Notch Tuned Harmonic Filter	1	Mining
2005	Kingsbridge Wind Farm	27.6	0.15	fixed		Notch Tuned Harmonic Filter	1	Wind Energy
2005	Reading Municipal Light Department, MA	13.8	3.60	1	1	Pad Mount Capacitor Bank	10	Utility
2005	Escondida Mining	13.8	6.58	2	2	Single-Tuned Automatic Harmonic Filter	1	Mining
2005	ERCO	13.2	48.14	5	5	Single-Tuned Automatic Harmonic Filter	1	Chemical
2005	Escondida Mining	13.8	9.87	3	3	Single-Tuned Automatic Harmonic Filter	1	Mining
2006	Anglo American	15	36.00	fixed		Automatic Capacitor Bank	1	Mining
2006	Atlas Copco Drilling	7.2	0.33	1	1	Automatic Capacitor Bank	1	Mining
2006	Canadian Natural Resources Ltd (CNRL)	34.5	9.98	4	4	Automatic Capacitor Bank	5	Mining
2006	Barton County Electric Coop	12.47	2.4-4.8	1	1	Automatic Capacitor Bank	3	Utility
2006	City of Highland	13.2	3.00	2	2	Automatic Capacitor Bank	1	Utility
2006	AMEC	4.16	3.22	fixed		Harmonic Filter	2	Mining
2006	American Superconductor	12.47	5.40	4	4	Multi-Tuned Automatic Harmonic Filter Bank	3	Semiconductor
2007	Chile	13.2	2.50	3	3	Automatic Capacitor Bank	1	Mining
2007	Montana-Dakota Utilities	12.47	4.80	2	2	Automatic Capacitor Bank	1	Utility
2007	AMEC	34.5	18.00	3	3	Automatic Capacitor Bank	2	Wind Energy
2007	American Superconductor	33	9.90	1	1	Automatic Capacitor Bank	2	Wind Energy
2007	American Superconductor	33	7.43	1	1	Automatic Capacitor Bank	3	Wind Energy
2007	FL Smidth	13.8	18.00	6	6	Automatic Harmonic Filter Bank	2	Mining
2007	Mantos de la Luna	23	1.80	2	2	Automatic Harmonic Filter Bank	1	Mining
2007	Semiconductor Facility	34.5	50.00	6	6	Automatic Multi-Tuned Harmonic Filter Bank	1	Semiconductor
2007	Codeco	6.3	4.00	fixed		Harmonic Filter	1	Mining
2007	Manto Verde	23	1.05	5	5	Multi-Tuned Automatic Harmonic Filter Bank	1	Mining
2007	San Diego Gas & Electric	12.47	6.00	4	3	SCADA Controlled Capacitor Bank	12	Utility
2007	Cedar Creek Wind Farm	34.5	4.00	2	2	SCADA Controlled Capacitor Bank	2	Wind Energy
2008	Butler Ridge	34.5	22.00	2	2	Automatic Capacitor Bank	1	Wind Energy
2008	American Superconductor	22	8.84	6	6	Automatic Harmonic Filter Bank	2	Semiconductor
2008	John Deere	34.5	6.02	1	1	Automatic Harmonic Filter Bank	1	Wind Energy
2008	Ditec	12.47	15.10	fixed		Capacitor Bank	1	Mining
2008	Barrick Cortez Gold Mining	13.8	2.38	fixed		Harmonic Filter	2	Mining
2008	Franke	18	2.57	4	4	Harmonic Filter	1	Mining
2008	Edison Mission Energy	34.5	6.56	fixed		Harmonic Filter	1	Wind Energy
2008	National Grid	13.2	3.0-9.0	2	2	SCADA Controlled Capacitor Bank	3	Utility
2008	Linden Interconnection VFT	17.5	25.00	1	1	SCADA Controlled Harmonic Filter Bank	3	Utility

Year	Customer	KV	MVAR	# of Steps	# of Stages	Description	Qty	Industry
2009	Alliant Energy	13.2	9.60	4	4	Automatic Capacitor Bank	2	Utility
2009	Nextera Point Beach Nuclear	13.8	15.00	5	5	Automatic Capacitor Bank, Voltage Control	1	Utility
2009	Southern Cooper	4.16	0.55	1	1	Harmonic Filter	1	Mining
2009	Capricorn Ridge Wind Farm	34.5	6.50	fixed		Harmonic Filter	1	Wind Energy
2009	Carmen de Andacollo	13.8	33.60	4	4	Multi-Tuned Automatic Harmonic Filter Bank	1	Mining
2009	San Diego Gas & Electric	12.47	7.20	4	4	SCADA Controlled Capacitor Bank	7	Utility
2009	Xcel Energy	13.8	9.60	2	2	SCADA Controlled Capacitor Bank	2	Utility
2009	Armenia Mountain	34.5	23.40	4	4	SCADA Controlled Capacitor Bank	1	Wind Energy
2010	General Mills	12.47	3.60	4	4	Automatic Capacitor Bank	1	Food Processing
2010	Hershey Chocolate Factory	13.2	2.40		2	Automatic Capacitor Bank	1	Food Processing
2010	Midwest Scrap	4.16	4.80	2	2	Automatic Capacitor Bank	1	Metal Processing
2010	Spectra Energy	4.16	0.90	3	2	Automatic Capacitor Bank	4	Natural Gas
2010	Spectra Energy	4.16	1.20	4	3	Automatic Capacitor Bank	2	Natural Gas
2010	Targa Resources	12.47	3.00	2	2	Automatic Capacitor Bank	2	Natural Gas
2010	Houston Refinery	2.4	1.80	3	3	Automatic Capacitor Bank	2	Petroleum
2010	Hemlock Semiconductor	34.5	25.00	5	3	Automatic Harmonic Filter	2	Semiconductor
2010	Tia Maria Mining	23	12.25	5	5	Automatic Harmonic Filter Bank	2	Mining/Rectifier
2010	Transcanada	4.16	6.78	2	2	Automatic Harmonic Filter Bank	1	Natural Gas
2010	Bath Iron Works - EL Flowers	12.47	2.10	3	3	Automatic Harmonic Filter Bank	3	Marine/Shipyard
2010	City of Toledo	4.16	4.05	3	3	Automatic Harmonic Filter Bank	1	Utility
2010	Formosa Plastics	13.8	24.42	6	6	Automatic Multi-Tuned Harmonic Filter Bank	2	Chemical
2010	Chevron Phillips Chemical	2.4	1.75	1	1	Capacitor Bank	2	Chemical
2010	Targa Resources	12.47	1.20	fixed		Capacitor Bank	1	Natural Gas
2010	BG&E	34.5	1.80	fixed		Capacitor Bank	1	Utility
2010	Harrow Wind Farm - AMEC	27.6	1.90	2		Capacitor Bank	2	Wind Energy
2010	Montezuma I Wind Farm	34.5	3.10	fixed		C-High Pass Filter	1	Wind Energy
2010	Nextera/FPL - Montezuma	34.5	3.10	fixed		C-High Pass Filter	1	Wind Energy
2010	Basell USA	13.8	10.80	fixed		Fixed Notch Filter	1	Chemical
2010	Danieli Automation	34.5	3.50	fixed		Harmonic Filter	1	Chemical
2010	Kinder Morgan/Ruby Pipeline	13.8	8.34	fixed		Harmonic Filter	1	Natural Gas
2010	Georgia Pacific - Halsey	12.47	8.47	fixed		Harmonic Filter	1	Paper
2010	National Grid	13.2	7.20	2	2	SCADA Controlled Capacitor Bank	6	Utility
2010	Xcel Energy	13.8	1.20	1	1	SCADA Controlled Capacitor Bank	2	Utility
2010	Xcel Energy	13.8	9.60	2	2	SCADA Controlled Capacitor Bank	2	Utility
2010	Chestnut Flats Wind Farm	34.5	9.20	2	2	SCADA Controlled Capacitor Bank	1	Wind Energy
2010	Port Alma II Wind Farm - AMEC	34.5	18.00	3	3	SCADA Controlled Capacitor Bank	1	Wind Energy
2011	Guam Air Force Base	13.8	9.00	3	3	Automatic Capacitor Bank	2	Government
2011	Conoco Phillips Buckeye NM	4.16	3.00	6	4	Automatic Capacitor Bank	2	Petroleum
2011	M3 - Mercedes	13.8	7.20	3	3	Automatic Capacitor Bank	1	Mining
2011	Targa Resources	2.4	0.68	3	2	Automatic Capacitor Bank	1	Natural Gas
2011	Targa Resources	2.4	0.90	6	3	Automatic Capacitor Bank	1	Natural Gas
2011	Targa Resources	4.16	1.50	5	3	Automatic Capacitor Bank	1	Natural Gas
2011	Targa Resources	12.47	3.00	2	2	Automatic Capacitor Bank	2	Petroleum
2011	Eli Lilly	13.2	1.80	3	2	Automatic Capacitor Bank		pharmaceutical
2011	University of Alabama	12.47	2.70	3	2	Automatic Capacitor Bank	1	University
2011	University of South Alabama	12.47	15.50	7	7	Automatic Capacitor Bank	1	University
2011	Kaneohe Bay Hawaii	11.5	0.60	3	2	Automatic Capacitor Bank	2	Utility
2011	Northeast Utilities	14.4	12.60	2	2	Automatic Capacitor Bank	3	Utility
2011	Old Dominion	34.5	9.60	1	1	Automatic Capacitor Bank	4	Utility
2011	Lameque Wind Farm	12	3.90	3	3	Automatic Capacitor Bank	1	Wind Energy
2011	DRG/MSD	13.8	4.00	3	3	Automatic Harmonic Filter	2	Waste Water Treatment
2011	Codeco Ventanas	6	4.00	3	3	Automatic Harmonic Filter Bank	1	Mining
2011	Hoosier Energy, IN	12.47	1.97	1	1	Automatic Harmonic Filter Bank	1	Utility
2011	Hemlock Semiconductor	12.47	6.40	8	8	Automatic Multi-Tuned Harmonic Filter Bank	1	Semiconductor
2011	Climax Mining	13.8	18.79	5	5	Automatic Multi-Tuned Harmonic Filter Bank	2	Mining
2011	Anglo American - BCO	12	3.00	3	2	Capacitor Bank	1	Mining
2011	Atlas Copeco	7.2	0.33	1	1	Capacitor Bank	4	Mining
2011	Chilean Power Group - CGE	13.2	7.00	1	1	Capacitor Bank	1	Utility
2011	Harbor Wind	12.47	0.78	1	1	Capacitor Bank	1	Wind Energy
2011	Montezuma II Wind Farm	34.5	8.04	fixed		C-High Pass Filter	1	Wind Energy
2011	Vasco Wind Farm	34.5	8.03	fixed		C-High Pass Filter	1	Wind Energy
2011	IP Pine Hill Bus 2	13.8	6.02	fixed		Harmonic Filter	2	Paper
2011	Saint Gobain	4.16	5.00	5	3	Harmonic Filter	1	Glass
2011	AMEC Chow	3.45	0.60	3	2	Harmonic Filter	1	Mining
2011	Anglo American Mantos Blancos	6.3	4.01	4	4	Harmonic Filter	2	Mining
2011	Dynapower	0.38	0.33	5	5	Harmonic Filter	2	Mining
2011	Mueller METSO	13.2	3.20	1	1	Manual Controlled Capacitor Bank	6	Mining
2011	Copper Mountain	24.94	13.94	4	4	Multi-Tuned Harmonic Filter Bank, DCS Controlled	4	Mining
2011	Copper Mountain	4.16	3.66	3	3	Multi-Tuned Harmonic Filter Bank, DCS Controlled	2	Mining
2011	Yaffe Metals	4.16	2.20	2	2	SCADA Controlled Capacitor Bank	1	Metals
2011	BG&E	13.8	7.20	2	2	SCADA Controlled Capacitor Bank	5	Utility
2011	National Grid	13.2	7.20	3	2	SCADA Controlled Capacitor Bank	3	Utility
2011	Xcel Energy	13.8	9.60	2	2	SCADA Controlled Capacitor Bank	1	Utility
2011	Demsey Ridge	34.5	31.50	3	3	SCADA Controlled Capacitor Bank	1	Wind Energy
2011	Sand Bluff Wind Farm	34.5	30.00	3	3	SCADA Controlled Capacitor Bank	1	Wind Energy
2011	Sandy Ridge Wind Farm	34.5	15.00	3	3	SCADA Controlled Capacitor Bank	1	Wind Energy
2012	Gettysburg Energy Works	13.2	1.50	5	5	Automatic Capacitor Bank	1	Bio Fuel/Generation
2012	Evonik	12.47	3.00	3	3	Automatic Capacitor Bank	2	Chemical
2012	Penasquito	34.5	3.00	2	2	Automatic Capacitor Bank	2	Mining
2012	Targa Resources	12.47	3.00	2	2	Automatic Capacitor Bank	1	Natural Gas
2012	Teak Midstream	24.94	8.00	10	4	Automatic Capacitor Bank	1	Natural Gas
2012	Wynnewood Refinery	13.2	3.60	2	2	Automatic Capacitor Bank	2	Petroleum

Year	Customer	KV	MVAR	# of Steps	# of Stages	Description	Qty	Industry
2012	Wynnewood Refinery	4.16	3.60	2	2	Automatic Capacitor Bank	1	Petroleum
2012	Texas A&M	13.8	2.40	2	2	Automatic Capacitor Bank	2	University
2012	Texas State University of Performing Arts	12.47	2.40	7	3	Automatic Capacitor Bank	2	University
2012	UC Berkeley	12.47	5.40	6	3	Automatic Capacitor Bank	2	University
2012	Agighiol Wind Farm, Romania	30	5.00	1	1	Automatic Capacitor Bank	1	Wind Energy
2012	EPC	34.5	19.00	3	2	Automatic Capacitor Bank	1	Wind Energy
2012	Gebeleis Wind Farm, Romania	20	8.00	2	2	Automatic Capacitor Bank	1	Wind Energy
2012	Manitoba Hydro	12.47	8.00	4	4	Automatic Capacitor Bank, Voltage Control	4	Utility
2012	Henlock Semiconductor	34.5	30.00	3	3	Automatic Harmonic Filter	2	Semiconductor
2012	Wacker Silicones	13.8	9.80	2	2	Automatic Harmonic Filter Bank	4	Chemical
2012	Project Delta	13.8	6.03	3	2	Automatic Harmonic Filter Bank	4	Comercial
2012	GreenPac	12.47	2.68	1	1	Automatic Harmonic Filter Bank	4	Paper
2012	Johns Manville	2.4	1.50	3	2	Automatic Harmonic Filter Bank	1	Industrial
2012	Andritz - Mississippi Lime	4.16	0.60	1	1	Automatic Harmonic Filter Bank	1	Mining
2012	BHP Escondida	4.16	1.25	7	3	Automatic Harmonic Filter Bank	2	Mining
2012	Alabama Power	12.47	0.71	1	1	Automatic Harmonic Filter Bank	1	Utility
2012	Mount Milligan	25	24.26	6	6	Automatic Multi-Tuned Harmonic Filter Bank	1	Mining
2012	Mount Milligan	25	15.21	5	5	Automatic Multi-Tuned High-Pass Harmonic Filter Bank	2	Mining
2012	Atlas Copco	7.2	0.33	1	1	Capacitor Bank	2	Mining
2012	New Gold	13.8	3.60	fixed		Capacitor Bank	1	Mining
2012	Candelaria Mining	23	2.20	4	4	Capacitor/Reactor Bank	1	Mining
2012	Quallity Wind Farm	34.5	10.50	1	1	C-High Pass Filter	1	Wind Energy
2012	Summerhaven Wind Farm	34.5	12.80	1	1	C-High Pass Filter	1	Wind Energy
2012	California Valley Solar Ranch	34.5	60.00	5	5	Grid Controlled Capacitor Bank	1	Solar
2012	Lanxess	13.8	3.50	4	4	Harmonic Filter	1	Chemical
2012	Solae	4.16	5.09	3	3	Harmonic Filter	1	Food Processing
2012	Dow Corning - Simcala	13.8	20.00	4	4	Harmonic Filter	1	Metal
2012	Adelaide Brighton Cement	11	0.90	fixed		Harmonic Filter	1	Mining
2012	Keuhne Chemical	25	4.72	1	1	Harmonic Filter , Manual Control	1	Chemical
2012	Georgia Pacific - Rincon	13.8	15.05	1	1	Harmonic Filter , Manual Control	1	Paper
2012	Conestoga Wind Farm	34.5	5.60	fixed		High Pass Filter	1	Wind Energy
2012	Ensign Wind Farm	34.5	10.23	fixed		High Pass Filter	1	Wind Energy
2012	Muller/METSO	13.2	2.40	1	1	Manual Controlled Capacitor Bank	1	Miningrals
2012	Ohio State University	13.8	7.20	1	1	Manual Controlled Capacitor Bank	6	University
2012	Vale Inco	13.8	11.70	4	4	Multi-Tuned Automatic Harmonic Filter Bank	4	Industrial/Rectifier
2012	Molycorp	12	12.58	4	4	Multi-Tuned Automatic Harmonic Filter Bank	1	Industrial/Rectifier
2012	Codeco Radomiro Tomic	22.9	6.39	4	4	Multi-Tuned Automatic Harmonic Filter Bank	3	Mining
2012	Rocanville Potash	13.8	16.05	4	4	Multi-Tuned Automatic Harmonic Filter Bank	1	Mining
2012	Colorado Salt Products	13.2	2.15	3	3	Multi-Tuned Harmonic Filter Bank, Remote Controlled	1	Industrial/Rectifier
2012	National Grid	13.2	7.20	2	2	SCADA Controlled Capacitor Bank	6	Utility
2012	Xcel Energy	13.8	9.60	2	2	SCADA Controlled Capacitor Bank	3	Utility
2012	Erieau Wind Farm	34.5	15.00	3	3	SCADA Controlled Capacitor Bank	1	Wind Energy
2012	Blackwell Wind Farm	34.5	7.40	1	1	SCADA Controlled Capacitor Bank	1	Wind Energy
2013	Canadian Natural Resources Ltd (CNRL)	34.5	7.50	3	3	Automatic Capacitor Bank	3	Mining
2013	Targa Resources	12.47	1.20	2	2	Automatic Capacitor Bank	2	Natural Gas
2013	Targa Resources	12.47	3.00	4	3	Automatic Capacitor Bank	1	Natural Gas
2013	Kinder Morgan Coal	12.47	1.30	3	2	Automatic Capacitor Bank	2	Petroleum
2013	SAMREF	34.5	12.00	2	2	Automatic Capacitor Bank	2	Petroleum
2013	Targa Resources	12.47	1.20	2	2	Automatic Capacitor Bank	2	Petroleum
2013	Cortland College	13.8	1.20	3	2	Automatic Capacitor Bank	2	University
2013	District Of Columbia Water & Sewer Authority	13.8	7.00	3	3	Automatic Capacitor Bank	3	Waste Water Treatment
2013	East Lake St. Clair Wind Farm	34.5	24.00	2	2	Automatic Capacitor Bank	1	Wind Energy
2013	Holcim Cement	4.16	0.80	3	3	Automatic Harmonic Filter	1	Cement
2013	Gerogia pacific	13.8	17.96	3	3	Automatic Harmonic Filter	1	Paper
2013	Johns Manville	13.8	2.00	6	3	Automatic Harmonic Filter	1	Industrial
2013	Archer Daniels Midland (ADM)	13.8	12.00	3	3	Automatic Harmonic Filter Bank	2	Food Processing
2013	Showa Denko Carbon	12.47	9.96	5	5	Automatic Harmonic Filter Bank	2	Industrial/Rectifier
2013	Boleo Mining	13.8	7.20	3	3	Automatic Harmonic Filter Bank	1	Mining
2013	Canadian Natural Resources Ltd (CNRL)	34.5	5.00	2	2	Automatic Harmonic Filter Bank	5	Mining
2013	Canadian Natural Resources Ltd (CNRL)	34.5	9.98	4	4	Automatic Harmonic Filter Bank	4	Mining
2013	Codeco Teniente Mining	34.5	13.80	3	3	Automatic Harmonic Filter Bank	1	Mining
2013	Trinity Manufacturing	22.9	7.10	3	3	Automatic Multi-Tuned Harmonic Filter Bank	1	Chemical
2013	Outotec	34.5	12.85	5	5	Automatic Multi-Tuned Harmonic Filter Bank	2	Mining/Rectifier
2013	Kwale Miningral Sands	11	3.00	2	2	Automatic Notch-Tuned Harmonic Filter Bank	2	Mining
2013	Chevron Phillips Chemical	13.8	6.00	fixed		Capacitor Bank	2	Chemical
2013	BASF	13.8	7.20	fixed		Capacitor Bank	8	Chemical
2013	TRW Automotive	13.8	1.50	fixed		Capacitor Bank	1	Automotive
2013	Targa Resources	4.16	0.90	fixed		Capacitor Bank	6	Petroleum
2013	OmniSource	4.16	2.25	fixed		Capacitor Bank	1	Scrap Steel
2013	Morenci	13.8	11.00	3	3	C-High Pass Harmonic Filter, DCS Controlled	2	Mining
2013	Antelope Valley Solar Ranch	34.5	24.00	2	2	Grid Controlled Capacitor Bank	1	Solar
2013	Antelope Valley Solar Ranch	34.5	48.00	4	4	Grid Controlled Capacitor Bank	3	Solar
2013	Antelope Valley Solar Ranch	34.5	24.00	2	2	Grid Controlled Capacitor Bank	3	Solar
2013	Mountain View Solar	34.5	2.40	1	1	Manual Controlled Capacitor Bank	1	Solar
2013	Westlake Chemical	34.5	14.69	3	3	Multi-Tuned Automatic Harmonic Filter Bank	4	Chemical
2013	National Grid	13.2	7.20	2	2	SCADA Controlled Capacitor Bank	7	Utility
2013	National Grid	23	7.20	2	2	SCADA Controlled Capacitor Bank	2	Utility
2013	National Grid	34.5	6.20	2	2	SCADA Controlled Capacitor Bank	1	Utility
2013	National Grid	13.8	7.20	2	2	SCADA Controlled Capacitor Bank	4	Utility
2013	Xcel Energy	13.8	9.60	2	2	SCADA Controlled Capacitor Bank	4	Utility
2013	Black Spring Ridge Wind Farm	34.5	28.00	2	2	SCADA Controlled Capacitor Bank	1	Wind Energy

Year	Customer	KV	MVAR	# of Steps	# of Stages	Description	Qty	Industry
2013	Cape Scott Wind Farm	34.5	18.00	2	2	SCADA Controlled Capacitor Bank	2	Wind Energy
2013	Port Dover Wind Farm	34.5	18.00	2	2	SCADA Controlled Capacitor Bank	1	Wind Energy
2013	Copano Energy	13.8	9.90	4	6	SVC/Harmonic Filter	1	Natural Gas
2013	NLMK	6.9	9.72	3	3	SVC/Harmonic Filter	1	Steel
2013	Conoco Phillips	4.16	1.20	2	2	Capacitor Bank	1	Petroleum
2013	Shell Deer Park Refining Co.	4.16	0.90	1	1	Capacitor Bank	2	Petroleum
2013	Canadian Natural Resources Ltd (CNRL)	34.5	2.50	3	3	Automatic Capacitor Bank	2	Mining
2013	Albchem	25	16.68	fixed		Multi-Tuned Fixed Harmonic Filter Bank	1	Chemical
2013	Georgia Pacific - Rincon	13.8	17.96	3	3	Automatic Harmonic Filter Bank	1	Paper
2013	Recurrent Energy	12	0.13	fixed		Capacitor Bank	1	Solar
2013	ENEL Green Power	23	14.10	2	2	Automatic Harmonic Filter Bank	2	Wind Energy
2013	Recurrent Energy	12	4.20	4	4	Capacitor / Shunt Reactor Bank	1	Solar
2013	Nextera	34.5	2.40	1	1	Capacitor Bank	1	Solar
2013	Teak Midstream	24.94	5.00	5	5	Automatic Capacitor Bank	1	Gas
2014	Targa Resources	4.16	0.90	fixed		Fixed Capacitor Bank	3	Gas
2014	Targa Resources	4.16	1.00	fixed		Fixed Capacitor Bank	3	Gas
2014	Bougault Industries	4.16	1.00	3	5	Automatic Harmonic Filter Bank	1	Manufacturing
2014	Chevron Phillips Chemical	13.8	6.00	fixed		Fixed Harmonic Filter Bank	2	Petroleum
2014	National Grid	34.5	6.14	2	2	Capacitor Bank - 1 Fixed, 1 Switched	1	Utility
2014	Valero	12.47	8.84	fixed		Fixed Capacitor Bank	2	Oil Refinery
2014	SA Recycling	4.16	3.00	fixed		Fixed Capacitor Bank	1	Recycling
2014	Gemelele Wind Farm	20	6.00	fixed		Fixed Capacitor Bank	1	Wind Energy
2014	Phillips 66 Sweeny Refinery	13.8	3.30	fixed		Fixed Capacitor Bank	2	Oil Refinery
2014	National Grid	13.2	3.60	fixed		Fixed Capacitor Bank	2	Utility
2014	National Grid	13.8	7.20	2	2	Automatic Capacitor Bank	1	Utility
2014	Devco	11	0.15	fixed		Fixed Capacitor Bank	2	Manufacturing
2014	National Grid	13.8	7.20	2	2	Automatic Capacitor Bank	2	Utility
2014	National Grid	13.8	7.20	2	2	Automatic Capacitor Bank	1	Utility
2014	National Grid	13.8	7.20	2	2	Automatic Capacitor Bank	1	Utility
2014	National Grid	23	7.20	2	2	Automatic Capacitor Bank	2	Utility
2014	Enbridge Pipeline	4.16	3.31	3	3	Automatic Harmonic Filter Bank	1	Pipeline
2014	University of Alabama	12.47	2.70	2	3	Automatic Capacitor Bank	1	University
2014	Enbridge Pipeline	12.47	7.20	2	3	actiVAR	2	Pipeline
2014	First Quality Tissue	12.47	7.75	6	6	Automatic Harmonic Filter Bank	1	Paper
2014	National Grid	13.2	7.20	2	2	Automatic Capacitor Bank	2	Utility
2014	Trinity Manufacturing	22.9	7.07	3	3	Automatic Harmonic Filter Bank	1	Chemical
2014	ArcelorMittal	13.8	27.17	3	3	actiVAR + PFC	1	Steel/Rolling Mill
2014	Antelope Valley Solar Ranch - Expansion	34.5	12.00	1	1	Expansion Project to Existing Capacitor Banks	1	Solar
2014	Suncor	4.16	0.90	fixed		Fixed Capacitor Bank	2	Mining
2014	Sunbelt Transformer	4.16	0.63	1	1	Harmonic Filter Bank	1	Manufacturing
2014	Yokohama Tire Co.	12.47	1.50	2	2	Automatic Harmonic Filter Bank	1	Manufacturing
2014	Northeast Ohio Medical University	12.47	1.20	3	4	Automatic Capacitor Bank	1	University
2014	Skyonics	13.8	9.19	3	3	Automatic Harmonic Filter Bank	2	Chemical
2014	Atlas Edwards	4.16	6.30	7	7	Automatic Capacitor Bank	4	Gas
2014	National Grid	4.16	1.80	1	1	Switched Capacitor Bank	2	Utility
2014	Copper Mountain	25	0.05	fixed		RC Snubber	6	Mining
2014	New Boston Air Force Station	12.47	0.45	fixed		Fixed Capacitor Bank	1	US Military
2014	Teck Mining Company	13.8	19.74	4	4	Automatic Harmonic Filter Bank	1	Mining
2014	Red Chris Mining	24.9	23.00	5	5	Multi-Tuned Automatic Harmonic Filter Bank	1	Mining
2014	National Grid	13.8	7.20	2	2	Automatic Capacitor Bank	1	Utility
2014	DGP Midstream	12.47	3.00	3	3	Automatic Capacitor Bank	1	Gas
2014	Terrane Metals Corp. - Mt. Milligan	25	0.05	fixed		RC Snubber	6	Mining
2014	Colonial Pipeline	4.16	24.00	4	4	actiVAR	1	Pipeline
2014	Indiana University	34.5	7.20	fixed		Fixed Capacitor Bank	1	University
2014	ENAP - Oil/Gas	12	3.50	3	3	Automatic Capacitor Bank	1	Petroleum
2014	Kinder Morgan	13.8	24.00	2	3	actiVAR	1	Pipeline
2014	Enbridge Pipeline	12.47	9.55	2	2	actiVAR	1	Pipeline
2014	Bombardier	4.16	9.55	3	6	actiVAR	1	Manufacturing
2014	National Grid	13.2	3.30	fixed		Fixed Capacitor Bank	1	Utility
2014	National Grid	13.8	7.20	2	2	Automatic Capacitor Bank	2	Utility
2014	Enbridge Pipeline	4.16	4.00	3	4	Automatic Capacitor Bank	2	Pipeline
2014	QEP	4.16	2.00	3	3	Automatic Harmonic Filter Bank	3	Cryogenic Plant
2014	Atlas Pipeline	7.2	1.20	1	1	Automatic Capacitor Bank	1	Pipeline
2014	Riviere Du Moulin Wind Energy	34.5	21.50	2	2	C-HP Automatic Harmonic Filter Bank	2	Wind Energy
2014	Long Island Railroad	26.8	0.05	fixed		RC Snubber	2	Rail
2014	Engleside Chemical Plant	13.8	4.80	3	3	Automatic Harmonic Filter Bank	2	Chemical
2014	Codeco Teniente Mining	33	14.07	3	3	Automatic Harmonic Filter Bank	1	Mining
2014	National Grid	12.47	7.20	2	2	Switched Capacitor Bank	1	Utility
2014	Subaru	12.47	3.60	2	3	Automatic Harmonic Filter Bank	2	Automotive
2014	National Grid	13.8	7.20	2	2	Switched Capacitor Bank	2	Utility
2014	BHP Billiton	13.8	1.50	3	7	Automatic Capacitor Bank	2	Mining
2015	Escondida Water Supply Project	6.9	6.00	3	5	Automatic Capacitor Bank	8	Mining
2015	Reinecke Compressor Station	4.16	2.40	2	2	Automatic Capacitor Bank	1	Gas
2015	Transcanada	4.16	7.50	2	3	actiVAR	3	Pipeline
2015	PSEG	4.16	5.40	2	2	Shunt Capacitor Bank	1	Utility
2015	Morenci	13.8	9.00	2	2	Automatic Capacitor Bank	1	Mining
2015	Roosevelt Wind Farm	34.5	37.80	3	3	Filter Ready Automatic Capacitor Bank	3	Wind Energy
2015	Tesla Motors	12.47	7.20	2	2	Automatic Capacitor Bank	4	Automotive
2015	VAI Midrex	13.8	8.00	4	4	Automatic Harmonic Filter Bank	2	Steel
2015	BASF	13.2	5.04	5	14	Automatic Capacitor Bank	2	Chemical

Year	Customer	KV	MVAR	# of Steps	# of Stages	Description	Qty	Industry
2015	National Grid	13.2	3.60	2	2	Automatic Capacitor Bank	1	Utility
2015	University of Massachusetts - Amherst	13.8	4.80	3	4	Automatic Harmonic Filter Bank	4	University
2015	National Grid	13.8	7.20	2	2	Automatic Capacitor Bank	2	Utility
2015	ReEnergy - Black River	13.2	6.00	3	3	Automatic Harmonic Filter Bank	2	Generation
2015	RE Barren Ridge Solar	34.5	15.60	4	4	Automatic Capacitor Bank	1	Solar
2015	Koch Nitrogen Company	4.16	0.60	fixed		Fixed Capacitor Bank	4	Mine
2015	BASF	13.8	9.00	2	2	Automatic Capacitor Bank	4	Chemical
2015	National Grid	13.8	7.20	2	2	Automatic Capacitor Bank	1	Utility
2015	DC Water District	13.8	8.49	3	3	Automatic Capacitor Bank	3	Waste Water Treatment
2015	NASA	13.8	5.40	3	6	Automatic Capacitor Bank	3	Research/Test
2015	Targa Resources	4.16	4.20	3	5	Automatic Harmonic Filter Bank	2	Gas
2015	Port Neal	4.16	0.15	fixed		Fixed Capacitor Bank	4	Fertilizer
2015	Redwood Solar	34.5	3.00	1	1	Automatic Harmonic Filter Bank	2	Solar
2015	Atlas Pipeline	4.16	6.30	7	7	Automatic Capacitor Bank	4	Pipeline
2015	Sanridge Energy	25	5.00	3	6	Automatic Capacitor Bank	2	Petroleum
2015	Minera Media Luna	13.8	9.90	3	3	Automatic Capacitor Bank	1	Mine
2015	Dominion Energy	4.16	6.00	3	3	Automatic Capacitor Bank	4	Utility
2015	Shaw Renewable/Red Horse Wind/Solar		24.00	3	3	Automatic Filter Ready" Capacitor Bank	1	Renewable
		34.5						
2015	Sierra Solar	34.5	6.00	1	1	Automatic Capacitor Bank	1	Solar
2015	Lawrence Livermore National Security	12.47	2.40	1	1	Automatic Capacitor Bank	1	Comercial
2015	National Grid	12.47	7.20	2	2	Automatic Capacitor Bank	1	Utility
2015	Dynapower	10	2.90	6	6	Multi-Tuned Notch Filter Bank	1	
2015	National Grid	12.47	7.20	2	2	Automatic Capacitor Bank	1	Utility
2015	Saber Mi Vida 1	4.16	6.00	4	4	Automatic Capacitor Bank	1	
2015	Saber Mi Vida 2	4.16	3.00	4	3	Automatic Capacitor Bank	1	
2015	BASF Cobra	13.2	5.04	14	5	Automatic Capacitor Bank	2	
2015	Antucoya	3.45	0.90	2	2	Harmonic Filter Bank	1	
2015	Recinco Sub	34.5	15.60	4	4	Automatic Capacitor Bank	1	
2015	Amherst	13.8	4.80	4	3	Harmonic Filter Bank	4	University
2015	Black River	13.2	6.00	3	3	Harmonic Filter Bank	2	
2015	Grand Valley	34.5	10.00	3	3	Filter Ready Automatic Capacitor Bank	1	
2015	Markham Facility	4.16	1.30	4	3	Harmonic Filter Bank	1	
2015	Eden Solar	34.5	3.40	2	2	Switched Capacitor Bank	2	Solar
2015	Eagle Ford	12.47	9.60	4	4	Switched Capacitor Bank	2	
2015	Fuji Bridex	22	9.00	6	6	Notch Filter Bank	2	Chip Fabrication
2015	Energy Transfer	4.16	3.00	6	4	Harmonic Filter Bank	1	
2015	Ternium Columbia	4.16	1.80	fixed		Fixed Capacitor Bank	1	Mining
2015	White Pine Solar	34.5	24.00	2	2	Filter Ready Automatic Capacitor Bank	1	Solar
2015	OPD Oasis	4.16	4.00	4	3	Harmonic Filter Bank	2	
2015	Alexander Wind Farm	34.5	3.24	3	3	Automatic Capacitor Bank	1	Wind Energy
2015	White Oak Solar	34.5	22.00	2	2	Filter Ready Automatic Capacitor Bank	1	Solar
2015	BASF	13.8	9.00	2	2	Automatic Capacitor Bank	4	
2015	National Grid	34.5	7.20	fixed		Fixed Capacitor Bank	1	Utility
2015	SEH	12.47	3.40	4	4	Harmonic Filter Bank	2	
2016	Dasheil - Granite Mtn East	34.5				RC Snubber	2	
2016	Dasheil - Granite Mtn West	34.5				RC Snubber	2	
2016	Dashiel - Iron Springs	34.5				RC Snubber	2	
2016	LGE - Frontier Solar	34.5	1.30	1	1	Switched Capacitor Bank	1	Solar
2016	LGE - Mojave West Solar	34.5	0.60	1	1	Switched Capacitor Bank	1	Solar
2016	Control Technology - Particular La Colorada		9.90	3	3	Switched Capacitor Bank	1	
		13.8						
2016	Blatner Energy - Live Oak Solar	34.5	10.00	1	1	Filter Ready Automatic Capacitor Bank	1	Solar
2016	Cynergy - DCWASA	13.8	7.00	3	3	Automatic Capacitor Bank	3	
2016	Warner Power	0.48	0.15	3	3	Harmonic Filter Bank	1	
2016	IES - Boise City Solar	34.5	12.00	1	1	Automatic Capacitor Bank	1	Solar
2016	Raytheon - ARDEL	12.47	0.75	2	2	PI Filter + Fixed Capacitor Bank	1	Research/Test
2016	Siemens	34.5				RC Snubber	1	
2016	LGE - Rio Bravo 2	34.5	7.00	1	1	Capacitor Bank	1	Solar
2016	LGE - Rio Bravo 1	34.5	6.75	1	1	Capacitor Bank	1	Solar
2016	LGE - Wildwood Solar 2	34.5	1.80	1	1	Capacitor Bank	1	Solar
2016	IPL	34.5	7.20	1	1	Capacitor Bank	1	Solar
2016	ATI - NPE Project	4.16	2.00	4	3	Harmonic Filter Bank	1	Steel
2016	Southern Pine Electric Coop.	25	3.60	1	1	High Pass Filter	1	Utility
2016	TSTAR - Lake Texoma	4.16	12.00	2	2	Activar	1	Gas
2016	GE - Ames Moffit Research	13.8	5.40	6	3	Automatic Capacitor Bank	2	
2016	Genergy - Galasso Materials	23	1.00	4	3	Automatic Capacitor Bank	1	
2016	M3 - Haile Gold	24.9	6.00	3	3	Automatic Capacitor Bank	1	
2016	GE - National Grid Milton Ave	13.8	7.20	2	2	Capacitor Bank	1	Utility
2016	EPTCON - Windsor Solar	34.5	15.00	1	1	Capacitor Bank	1	Solar
2016	EPTCON - Windsor Solar	34.5	7.50	1	1	Switched Reactor	1	Solar
2016	Targa Resources - Gas Plant D	4.16	5.00	5	5	Automatic Capacitor Bank	4	Gas
2016	EPC - Grand View Energy	34.5	4.50	1	1	Automatic Capacitor Bank	1	Solar
2016	GE - National Grid Weymouth	13.8	7.20	2	2	Capacitor Bank	1	Utility
2016	GE - Proelca	4.16	1.50	1	1	Fixed Capacitor Bank	1	
2016	GE - Proelca	13.8	1.50	1	1	Fixed Capacitor Bank	1	
2016	GE - National Grid Quonset	12.47	7.20	2	2	Capacitor Bank	1	Utility
2016	Rosendin - Big Sky	34.5	8.80	2	2	Automatic Hybrid Capacitor/Reactor	1	Solar/Wind
2016	GE - Papillion WTP	13.8	1.38	2	2	Automatic Filter Bank	1	Waste Water Treatment
2016	Control Technology - Enlink/LOBO	4.16	3.00	3	2	Automatic Capacitor Bank	1	
2016	ATI - Bakers South	13.2	1.00	3	2	Automatic Harmonic Filter Bank	1	Steel
2016	Blatner Energy - Marshall	34.5	12.60	1	1	Capacitor Bank	1	Wind Energy



Year	Customer	KV	MVAR	# of Steps	# of Stages	Description	Qty	Industry
2016	Dashiel - Fairway Energy Partners	12.47	2.14	3	3	Automatic Capacitor Bank	2	Gas
2016	AMSC - Zed Wind Farm	34.5	10.00	2	2	Filter Ready Automatic Capacitor Bank	1	Wind Energy
2016	EPTCON - Southgate Solar	34.5	15.00	1	1	Capacitor Bank	1	Solar
2016	EPTCON - Southgate Solar	34.5	7.50	1	1	Switched Reactor	1	Solar
2016	Targa Resources - Sub 101	12.47	6.00	4	3	Automatic Capacitor Bank	4	Gas
2016	Raytheon - ARDEL	1.2	X	1	1	DC Capacitor Filter	1	Research/Test
2016	Siemens - Lafarge	4.16	0.30	1	1	Fixed Capacitor Bank	1	Cement
2016	Siemens - Lafarge	4.16	0.28	1	1	Fixed Capacitor Bank	4	Cement
2016	Siemens - Lafarge	4.16	2.25	1	1	Fixed Capacitor Bank	1	Cement
2016	IES - Caprock Solar 1	34.5	5.20	1	1	Fixed Capacitor Bank	1	Solar
2016	GE - Pear Blossom - Sunpower	34.5	3.00	2	2	Switched Capacitor Bank	1	Solar
2016	Energy Transfer - Cambridge Pump St.	4.16	2.40	2	2	Automatic Filter Bank	2	Gas
2016	TSTAR - Hilcorp	6.9	12.00	3	2	Activar	1	Gas
2016	Rosendin - Sunpower Rosamond T1	34.5	14.40	2	2	Switched Capacitor Bank	1	Solar
2016	Rosendin - Sunpower Rosamond T2	34.5	15.30	2	2	Hybrid Capacitor/Reactor	1	Solar
2016	Rosendin - Sunpower Rosamond T3	34.5	24.00	2	2	Switched Capacitor Bank	1	Solar
2016	Rosendin - Sunpower Rosamond T4	34.5	24.00	2	2	Hybrid Capacitor/Reactor	1	Solar
2016	GE - Atlas Copco	7.2	0.33	1	1	Capacitor Bank	1	Mining
2016	Saber - Panther Gas	12.47	6.40	4	4	Automatic Filter Bank	1	Gas
2016	Saber - Panther Gas	12.47	3.60	4	4	Automatic Filter Bank	1	Gas
2016	Border States - Blythe Solar II	34.5	3.00	1	1	Automatic Capacitor Bank	1	Solar
2016	Graymont - Pilot Peak	25	1.50	3	2	Automatic Filter Bank	1	Mining
2016	Miller Bros. - Ringer Hill	34.5	7.00	2	2	Automatic Capacitor Bank	1	Wind Energy
2016	Siemens - Kazakhstan	34.5				RC Snubber	4	
2016	EPC - Midway Solar I	34.5	5.50	1	1	Capacitor Bank	1	Solar
2016	EPC - Midway Solar I	34.5	9.90	1	1	Capacitor Bank	1	Solar
2016	S&C Redstone Arsenal	12.47	1.50	1	1	Fixed High Pass Harmonic Filter	1	Solar
2016	Mckensie Electric - HDR	24.9	2.70	3	2	Automatic Capacitor Bank	6	Utility
2016	Dashiel - Flint Hills Resources	13.8	3.68	2	2	Automatic Capacitor Bank	1	Gas
2016	IES - Sunray Solar	34.5	7.50	1	1	Capacitor Bank	1	Solar
2016	Wholesale Electric - Westlake Chemical	13.8	4.94	3	3	Automatic Capacitor Bank	2	Chemical
2016	GE - Egypt	11	9.00	5	3	Automatic Capacitor Bank	4	Utility
2016	Siemens - St. Marys Cement	4.16	0.60	1	1	Fixed Capacitor Bank	1	Cement
2016	Siemens - St. Marys Cement	4.16	1.50	1	1	Fixed Capacitor Bank	1	Cement
2016	Siemens - St. Marys Cement	4.16	0.75	1	1	Fixed Capacitor Bank	1	Cement
2016	Siemens - St. Marys Cement	4.16	1.05	1	1	Fixed Capacitor Bank	1	Cement
2016	B&R Electric	12.47	1.00	6	3	Automatic Harmonic Filter Bank	1	
2016	GE - National Grid Bancroft	4.16	1.20	2	2	Capacitor Bank	2	Utility
2016	PSEG - Ewing	4.16	5.40	2	2	Fixed Capacitor Bank	1	Utility
2016	PSEG - Hackensack	4.16	5.40	2	2	Fixed Capacitor Bank	1	Utility
2016	AMEC Foster Wheeler - MCLB Solar	34.5	5.00	2	2	Automatic Capacitor Bank	1	Solar
2016	SGL Carbon	24.9	21.00	3	3	Automatic Harmonic Filter Bank	1	Chemical
2016	Star Electric Co. - US Arm Corp. of Eng.	34.5				RC Snubber	1	