



## Alphabetic List of Customers

**Abitibi-Consolidated (Abitibi-Price), Canada**  
**Air Liquid, United States**  
**Alabama Power, United States**  
**Alcan, Canada**  
**Alstom (GEC Alstom, ABB),  
Canada, France, Switzerland, Norway, Spain, Brazil & United States**  
**American Electric Power – AEP, United States**  
**Ansaldo, Italy**  
**Aquila Networks Canada, Canada**  
**Arizona Public Service Co. (Pinnacle West Energy), United States**  
**Avista Corp. (Washington Water Power), United States**  
**Barrick Gold Mines, Australia**  
**BC Hydro, Canada**  
**Beijing Heavy Machinery, P.R. China**  
**Beijing Wanruida Monitor & Control Technology Co., P.R. China**  
**Bently-Nevada, United States**  
**Bernische-Kraftwerke, Switzerland**  
**Bharat Heavy Electricals Limited – BHEL, India**  
**BKW Energie, Germany**  
**Bowater, United States**  
**Brascan, Canada**  
**Broken Hill Property – BHP, Chile**  
**China National Chemical Construction Group, P.R. China**  
**China Yangtze Three Gorges Project Dev. Corporation,  
P.R. China**  
**Churchill Falls (Labrador) Corp., Canada**  
**Cinergy, United States**  
**City of Longueuil, Canada**  
**Codelco, Chile**  
**Columbia Power Corp. (West Kootenay Power), Canada**  
**Cominco Metals, Canada**  
**Comision Federal de Electricidad – CFE, Mexico**  
**Companhia Energética de Chapecó, Brazil**  
**Companhia Energética de Minas Gerais – CEMIG, Brazil**  
**Companhia Energética Santa Clara, Brazil**  
**Companhia Energia de São Paulo – CESP, Brazil**  
**Companhia Hidro Elétrica do Sao Francisco – CHESF, Brazil**  
**Companhia Paranaense de Energia – COPEL, Brazil**  
**Companhia Portuguesa de Produção de Electricidade – CPPE,  
Portugal**  
**Compania Minera Antamina S.A., Peru**  
**Conselho Nacional de Desenvolvimento Cientifico e  
Tecnológico – CNPq, Brazil**  
**Consumer Energy, United States**  
**Corporación Dominicana de Electricidad, Dominican Republic**  
**Datang Co., P.R. China**  
**Deublin Co., United States**  
**Domtar, Canada**  
**Duke Power, United States**  
**Electrabel, Belgium**  
**Electric Corp. of New Zealand – ECNZ, New Zealand**  
**Electrificacón del Caroni – EDELCA, Venezuela**  
**Électricité de France – EDF, France**  
**Electroperu, Peru**  
**Electrosila, Russia**  
**Elektrárenská Spolecnost CEZ s.a., Czech Republic**  
**Elektrizitäts-Gesellschaft Laufenburg, Switzerland**  
**Elektroprivreda, Bosnia**  
**Eletronorte, Brazil**  
**Elkem Metal, Canada**  
**Elsamprojekt, Denmark**  
**EMIT Technology, China-Taiwan**  
**Empresa de Generación Eléctrica de Lima – EDEGEL, Peru**  
**Empresa Generación Eléctrica MachuPicchu – EGEMSA, Peru**  
**Empresa Generación Eléctrica San Gaban, Peru**  
**Empresa Nacional de Electricidad S.A. – ENDESA, Chile**  
**Empresas Públicas de Medellín, Colombia**  
**Entidad Binacional Yacyreta – EBY, Argentina**  
**Entreprises Électriques Fribourgeoise, Switzerland**  
**ERE Hidroelektrik Uretim ve Ticaret, Turkey**  
**Ertan Hydropower Development Co. – EHDC, P. R. China**  
**ESKOM, South Africa**  
**ESP S.A., Poland**  
**Exelon Generation Company, United States**  
**Fachhochschule Konstanz, Germany**  
**Fiducie Great Lakes Power (Maclaren-Québec), Canada**  
**First Energy, United States**  
**First Hydro, United Kingdom**  
**Florida Power & Light Co. – FPL, United States**  
**Fuji Electric, Japan**  
**Fujian Electric Power, P.R. China**  
**Furnas, Brazil**  
**Gansu Power Co., P.R. China**  
**GE Hydro (GE & Kvaerner), Canada, Norway & Sweden**  
**GE Hydro Inepar, Brazil**  
**GE Industrial Systems, Canada**  
**GE Power Systems, United States**  
**Georgia Power Co., United States**  
**Government of Maharashtra Irrigation Dept. – GOMID, India**  
**Grand River Dam Authority – GRDA, United States**  
**Great Lakes Power Limited, Canada**  
**Hidroeléctrica Boliviana S.A., Bolivia**  
**Hidronación S.A., Ecuador**  
**High Speed Surface Transport – HSST, Japan**  
**Hitachi Canadian Industries Ltd., Canada**  
**Hitachi, Japan**  
**Hubei Qingjiang Hydroelectric Development – QDC, P.R. China**  
**Hydro Expertise DL Inc., Canada**  
**Hydro-Innu, Canada**  
**Hydro Québec, Canada**  
**Hrvatska Elektroprivreda, Croatia**  
**Idaho Power, United States**  
**Ideal Electric, United States**  
**Imatran Voima, Finland**  
**IMPISA, Argentina & United States**  
**Instituto Costarricense de Electricidad – ICE, Costa Rica**  
**Investco S.A., Brazil**  
**Iran Water & Power Resources Development Co. – IWPC, Iran**  
**Irkutskenergo, Russia**  
**Kelowna Flightcraft Ltd., Canada**  
**Korea Hydro & Nuclear Power Co., Ltd., South Korea**  
**Kowaco, South Korea**  
**Kruger Papers, Canada**  
**Lafarge, France**  
**Landsvirkjun, Iceland**  
**Machadinho Energética – MAESA, Brazil**  
**Maharashtra State Electric Board – MSEB, India**



## Alphabetic List of Customers (cont'd)

Malana Power, *India*  
Manitoba Hydro, *Canada*  
Marubun Corporation, *Japan*  
Marubeni, *Japan*  
MidAmerican Energy Company, *United States*  
Minera Los Pelambres, *Chile*  
Mississippi Power Co., *United States*  
Nanfang Dianli, *P.R. China*  
National Electric Coil, *United States*  
National Hydroelectric Power Corp. – NHPC, *India*  
National Power Corp. – NPC, *Philippines*  
Neurylan, *Spain*  
New Brunswick Electric Power – NB Power, *Canada*  
Newfoundland & Labrador Hydro – NFLH, *Canada*  
Newmont Mining Corp., *United States*  
New York Power Authority – NYPA, *United States*  
Nordostliche-Kraftwerke, *Switzerland*  
Northeast China Electric Power Group, *P.R. China*  
Northeast Utilities Service, *United States*  
Northern Alberta Institute of Technology, *Canada*  
Northwest Territories Power Corp. – NWTPC, *Canada*  
Nova Scotia Power, *Canada*  
Oglethorpe Power, *United States*  
OJSC DniproHydroEnergo, *Ukraine*  
O & M Cogénération, *Canada*  
Ontario Power Generation (Ontario Hydro), *Canada*  
Orillia Water, Light & Power Co., *Canada*  
Orion Power (Niagara Mohawk Power), *United States*  
PacifiCorp, *United States*  
Pasminco Ltd., *Australia*  
Pinnacle West Energy, *United States*  
Portland General Electric, *United States*  
PP&L Montana, LLC (Montana Power), *United States*  
Pratt & Whitney Canada, *Canada*  
PT International Nickel – PT. INCO, *Indonesia*  
PT Multi Superindo Manunggal, *Indonesia*  
PT Newmont Nusa Tenggara, *Indonesia*  
PT Perusahaan Listrik Negara – PT.PLN, *Indonesia*  
PT Sahabat Mitra IntraBuana, *Indonesia*  
PT Spektrum Krisindo Elektrika, *Indonesia*  
PUD of Chelan County, *United States*  
PUD of Grant County, *United States*  
Queiroz Galvão Energética S.A., *Brazil*  
RENEL Romania, *Romania*  
Railway Technical Research Institute – RTRI, *Japan*  
Romande Énergie, *Switzerland*  
Rovsing Dynamics SIA, *Denmark*  
San Roque Power Corp., *Philippines*  
Saskpower, *Canada*  
Schotec AG, *Germany*  
Seattle City Light, *United States*  
Services industriels de Genève – SIG, *Switzerland*  
Shandong Power Co., *P.R. China*  
Shell Canada, *Canada*  
Siemens AG/SA, *Germany*  
Siemens Westinghouse Power Co., *United States*  
Skoda, *Czech Republic*  
Société Nationale d'Électricité – SONEL, *Cameroon*  
South China Electric Power Joint Venture Corp., *P.R. China*  
State Electric Corp., *Australia*  
State of California, Dept. of Water Resources – CDWR, *United States*  
State Power Corp. of China, *P.R. China*  
Sydkraft, *Sweden*  
Tai'An Pumped Storage Power Station Development Co, *China*  
Taiwan Power – TPC, *China-Taiwan*  
Tala Hydroelectric Project Authority, *Bhutan*  
TXU Generation Company LP, *United States*  
Three Gorges Project Corp. – CTGPC, *P.R. China*  
Tiszaviz Hydro Power, *Hungary*  
Toshiba, *Japan & United States*  
Tractebel, *Brazil*  
TransAlta Utilities, *Canada*  
TransCanada Corp. (USGEN New England), *United States*  
UCM Resita S.A., *Romania*  
U.S. Army Corps of Engineers – USACE, *United States*  
U.S. Dept. of Interior, Bureau of Reclamation – USBR, *United States*  
Uttaranchal Jal Vidyut Nigam Ltd. – UJVNL, *India*  
VA Tech (ELIN, Escher Wyss), *Austria & Mexico*  
Vereingte Energiewerke AS – VEAG, *Germany*  
Vibro-Consult AG, *Switzerland*  
Vibro-Meter, *Switzerland*  
Virginia Power, *United States*  
Voith Siemens Hydro Power Corporation, *Brazil, Canada, Germany & United States*  
Voith Turbo sp. z.o.o., *Poland*  
Volta River Authority – VRA, *Ghana*  
Water and Power Development Authority – WAPDA, *Pakistan*  
Weigelt, *Germany*  
Wujiang Hydroelectric Development Corp., *China*  
Xiaosanxia, *China*  
Z.E. Toruń S.A., *Poland*  
Zhuhai Hetai Development Co., *P.R. China*



## List of Major Projects in the Last Ten Years

<i>Project</i>	<i>Organization</i>	<i>Type of Equipment Supplied</i>
<b>Tucuruí II</b>	Eletronorte, <i>Brazil</i>	ZOOM, VibraWatch & MFM on 11 units SBV on 1 unit
<b>Rock Island &amp; Rocky Reach</b>	PUD of Chelan County, <i>United States</i>	ZOOM & VibraWatch on 18 units
<b>Ghazi Barotha</b>	WAPDA, <i>Pakistan</i>	ZOOM, SBV and MFM on 5 units
<b>Sanxia</b>	CTGPC, <i>P.R. China</i>	AGMS on 14 units VibraWatch on 6 units
<b>Caruachi</b>	EDELCA, <i>Venezuela</i>	AGMS & VibraWatch on 12 units
<b>R.H. Saunders</b>	Ontario Power Generation, <i>Canada</i>	ZOOM on 16 units
<b>Arnot &amp; Kendal</b>	ESKOM, <i>South Africa</i>	FOA on 12 units
<b>Caliraya-Botocan-Kalayaan (CBK)</b>	IMPISA & Edison Mission, <i>Philippines</i>	VibraWatch on 8 units
<b>Itá</b>	Tractebel, <i>Brazil</i>	ZOOM & VibraWatch on 5 units
<b>Tala</b>	THBA, <i>Bhutan</i>	AGMS & VibraWatch on 6 units
<b>Salto Caxias</b>	COPEL, <i>Brazil</i>	AGMS on 4 units
<b>Shasta</b>	USBR, <i>United States</i>	ZOOM, VibraWatch & MFM on 3 units
<b>Rocky Mountain</b>	Oglethorpe Power, <i>United States</i>	ZOOM, VibraWatch & MFM on 3 units
<b>Miranda</b>	CEMIG, <i>Brazil</i>	ZOOM, VibraWatch, SBV & MFM on 3 units
<b>Yacyreta</b>	EBY, <i>Argentina</i>	AGMS on first 10 units
<b>James Bay – La Grande (LG-2 &amp; LG-4)</b>	Hydro-Québec, <i>Canada</i>	AGMS on 25 units

## Summary of our Main System Installations

(As of December 31, 2004)

AGMS	Air Gap Monitoring Systems	478 units	≈ 4375 measuring chains*
ZOOM	Zero Outage On-line Monitoring System	251 units	≈ 3000 input channels*
VibraWatch	Vibration Monitoring System	383 units or systems	≈ 1500 measuring chains*
SBV	Stator Bar Vibration Evaluator	88 units	≈ 800 measuring chains*
FOA	Optical Accelerometer	75 units or systems	≈ 675 measuring chains*
MFM	Magnetic Flux Monitoring System	99 units	99 measuring chains
	Other products	243 units or systems	
<b>GRAND TOTAL of all VibroSystM Products:</b>		<b>1617 units or systems</b>	

*Consult Section B for a detailed list of installations*



## Summary of Projects In Alphabetic Order of Countries

<i>Utility or Organization Gen. Station or Dept.</i>	<i>Unit capacity or Station capacity</i>	<i>Type of system</i>	<i>Nbr of units equipped or systems supplied</i>
<b><u>ALGERIA</u></b>			
<b>Société Nationale des Matériaux de Construction</b>			
Zahana		VMEF	5 units
<b><u>ARGENTINA</u></b>			
<b>Entidad Binacional Yacyreta – EBY</b>			
Yacyreta	135 MW	AGMS	10 units
<b>IMPISA</b>			
Alvarez Concardo	17, 27 MW	VibraWatch	3 units
Cacheuta	35 MW	VibraWatch	4 units
<b><u>AUSTRALIA</u></b>			
<b>Barrick Gold Mines</b>			
Cowal (Electric Motor-Mining)		VMEF	1 system
<b>State Electric Corp. – SEC</b>			
Dartmouth		VibraWatch	1 system
<b>Pasminco Ltd.</b>			
Century Mine (Electric Motor-Mining)		VMEF	1 system
<b><u>AUSTRIA</u></b>			
<b>VA Tech Hydro GmbH &amp; Co.</b>			
In-plant tests	150 MW	VMEF	5 systems
<b><u>BELGIUM</u></b>			
<b>Electrabel</b>			
Coo Trois-Ponts (Pump/Generators)	158 MW	ZOOM, SBV & FOA	3 units
<b><u>BHUTAN</u></b>			
<b>Tala Hydroelectric Project Authority</b>			
Tala	170 MW	AGMS & VibraWatch	6 units
<b><u>BOLIVIA</u></b>			
<b>Hidroeléctrica Boliviana S/A</b>			
La Chojilla	35 MW	VibraWatch	2 units
Yanacachi	50 MW	VibraWatch	1 unit
<b><u>BOSNIA</u></b>			
<b>Elektroprivreda</b>			
Jablaniça	22 MW	VibraWatch	3 units
<b><u>BRAZIL</u></b>			
<b>Companhia Energética de Chapecó</b>			
Quebra-Queixo	45 MW	VibraWatch	3 units
<b>Companhia Energética de Minas Gerais – CEMIG</b>			
Igarapava (Bulbs)	45 MW	ZOOM, VibraWatch & PDA	5 units
Miranda	130 MW	ZOOM, SBV, MFM & VibraWatch	3 units
Nova Ponte	170 MW	MFM	1 unit
São Simão	283 MW	MFM	1 unit
Aimorés	110 MW	VibraWatch	3 units



<i>Utility or Organization Gen. Station or Dept.</i>	<i>Unit capacity or Station capacity</i>	<i>Type of system</i>	<i>Nbr of units equipped or systems supplied</i>
<b><u>BRAZIL (CONTINUED)</u></b>			
<b>Companhia Energia de São Paulo – CESP</b>			
Ilha Solteira	215 MW	AGMS & MFM	2 units
Pedra do Cavalo	90 MW	VibraWatch	2 units
<b>Companhia Hidro Elétrica do São Francisco – CHESF</b>			
Apolônio Sales	110 MW	ZOOM, VibraWatch & PDA	2 units
Xingó	500 MW	ZOOM VibraWatch	6 units 1 unit
Warehouse		ZOOM	1 system
<b>Companhia Paranaense de Energia – COPEL</b>			
Salto Caxias	310 MW	ZOOM & VibraWatch	4 units
<b>Conselho Nacional de Desenvolvimento Científico e Tecnológico – CNPq</b>			
In-plant tests		AGMS	1 unit
<b>Eletronorte</b>			
Tucuruí II	300 MW	ZOOM, MFM & VibraWatch SBV	11 units 1 unit
Coaracy Nunes	29 MW	ZOOM	1 unit
<b>Furnas</b>			
Mascarenhas de Moraes	49 MW	ZOOM & VibraWatch BRIDGE-200	10 units 1 system
<b>Investco</b>			
Lajeado	400 MW	ZOOM & VibraWatch	5 units
<b>Queiroz Galvão Energética S.A.</b>			
Jaurú	45 MW	VibraWatch	3 units
<b>Companhia Energética Santa Clara</b>			
Santa Clara	19.9 MW	VibraWatch	1 unit
<b>Tractebel (Gerasul)</b>			
Ità	290 MW	ZOOM, VibraWatch & PDA	5 units
<b>Machadinho Energética S.A. – MAESA</b>			
Machadinho	418.5 MW	ZOOM & VibraWatch	3 units
<b>CAMEROON</b>			
<b><u>Société Nationale d'Électricité – SONEL</u></b>			
Song Loulou	50 MW†	ZOOM	2 units
<b>CANADA</b>			
<b><u>Abitibi-Price</u></b>			
Murdock-Wilson	51 MW	ZOOM VibraWatch	2 units 2 units
Jim-Gray	25.5 MW	ZOOM & VibraWatch	2 units
<b>Alcan</b>			
Chute à la Savane	40 MW	AGMS	2 units
Chute des Passes	160 MW	AGMS VMEF VibraWatch SUPER	4 units 1 system 1 unit 4 units
<b>Brascan</b>			
Dufferin	19 MW	AGMS, VibraWatch, SBV & DM-100	2 units
High Falls	21 MW	AGMS, VibraWatch & DM-100 SBV	4 units 2 units
Masson	26 MW	AGMS & DM-100	4 units



<i>Utility or Organization Gen. Station or Dept.</i>	<i>Unit capacity or Station capacity</i>	<i>Type of system</i>	<i>Nbr of units equipped or systems supplied</i>
<b>CANADA (CONTINUED)</b>			
<b>BC Hydro</b>			
*Unknown Site		VMEF	1 system
<b>Churchill Falls (Labrador) Corp.</b>			
Churchill Falls	500 MW	ZOOM & VibraWatch	5 units
<b>City of Longueuil (Aquacers)</b>			
Water Treatment Station		VibraWatch	2 units
<b>Columbia Power Corp.</b>			
Arrow Lakes	85 MW	AGMS	2 units
Brilliant	36 MW	ZOOM & VibraWatch	4 units
<b>Cominco Metals</b>			
Waneta	120 MW	AGMS ZOOM & VibraWatch VibraWatch	1 unit 2 units 3 units
<b>Domtar</b>			
Kingsey Falls (Turbogenerator)	30 MW	MFM	1 unit
Lebel-sur-Quévillon (Turbogenerator)	50 MW	MFM	1 unit
<b>GE Canada</b>			
Transportable Diagnostic Tool		VMEF	2 systems
VFT Langlois (transformer) <i>(owned by Hydro-Québec)</i>	120 MW	ZOOM & VibraWatch & FOA	1 unit
<b>GE Industrial Systems</b>			
In-plant Tests (Large Motors)		VibraWatch	2 systems
<b>Great Lakes Power</b>			
High Falls	23 MW	VibraWatch	2 units
Andrews 3	50 MW	VibraWatch AGMS	2 units 1 unit
<b>Hydro-Innu</b>			
Minashtuk	10 MW	VibraWatch	1 unit
<b>Hydro-Québec – H-Q</b>			
Beauharnois	40, 45 MW	AGMS ZOOM MFM	24 units 4 units 1 unit
Beaumont	40 MW	AGMS	1 unit
Bersimis 1	114 MW	AGMS & MFM ZOOM & VMEF SBV	3 units 1 unit 4 units
Bersimis 2	130, 159 MW	ZOOM	5 units
Brisay	223 MW	AGMS	2 units
Bryson	18 MW	VMEF & VibraWatch	1 unit
Carillon	47 MW	ZOOM, VibraWatch, VMEF Turbine Blade Angle & MFM AGMS VMEF Rounding jig	1 unit 13 units 1 system
Chelsea	29 MW	AGMS	4 units
Eastmain	160 MW	DM-100	3 units
Grand-Mère	70 MW	AGMS & DM-100	3 units
Hull 2	7 MW†	AGMS	1 unit
IREQ - Research Institute		SBV VMEF	6 systems 3 systems
La Citière (Gas Turbines)	50 MW†	SBV	2 units
Lac Robertson	10.5 MW	AGMS	2 units



<i>Utility or Organization Gen. Station or Dept.</i>	<i>Unit capacity or Station capacity</i>	<i>Type of system</i>	<i>Nbr of units equipped or systems supplied</i>
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**CANADA (CONTINUED)**

**Hydro-Québec – H-Q**

Laforge 1	142 MW	AGMS	6 units
Laforge 2	145 MW	AGMS	2 units
La Gabelle	27.3 MW	AGMS DM-100	1 unit 6 units
La Grande 1	114 MW†	AGMS	12 units
La Grande 2	333 MW	AGMS	16 units
La Grande 2A	315 MW	AGMS	6 units
La Grande 3	180 MW	AGMS	12 units
La Grande 4	295 MW	AGMS	9 units
La Tuque	36 MW	AGMS MFM DM-100	1 unit 3 units 3 units
Les Cèdres	9 MW	AGMS & VibraWatch	1 unit
Manicouagan Region (Warehouse)		SBV*, MFM* VMEF*	1 system 3 systems
Manic 1	61,5 MW	ZOOM VibraWatch	3 units 1 unit
Manic 2	131 MW	AGMS & VMEF MFM	8 units 1 unit
Manic 5	160 MW	AGMS & SBV	8 units
Manic 5PA	235 MW	AGMS	4 units
Outardes 2	159 MW†	SBV	1 unit
Outardes 3	190 MW	AGMS & DM-100 DM-100	5 units 1 unit
Paugan	30 MW	AGMS	6 units
Poste Manic (Synchronous Condensers)	300 MVAR	ZOOM & SBV	2 units
Première Chute	31 MW	AGMS & VibraWatch VibraWatch	4 units 1 unit
Rapide 2	11 MW	AGMS	5 units
Rapide 7	15 MW	AGMS	5 units
Rapide Blanc	31 MW	AGMS DM-100 ThermaWatch Rotor & ThermaWatch Stator	5 units 6 units 1 unit
Rapides des Iles	37 MW	ZOOM, SBV & MFM DM-100	4 units 1 unit
Rapide des Quinze	15 MW†	AGMS	5 units
Rapides Farmers	20 MW†	AGMS SBV & MFM	2 units 1 unit
Ste-Marguerite 3	300 MW	AGMS	2 units
Shawinigan 2	21.6 MW†	AGMS	2 units
Shawinigan 3	57 MW†	AGMS	3 units
Tracy (Steam Turbines)	150 MW	VMEF Diff. Shaft Expansion	4 units
Trenche	50 MW	AGMS	1 unit

**Kruger Papers**

Trois-Rivières (Motor)	14500 HP	VMEF MFM	1 system 2 systems
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**Manitoba Hydro – MH**

Gillam (In-house Tests)		VibraWatch	1 system
Grand Rapids	127 MW	AGMS & SBV	1 unit
Jenpeg (Bulb)	29 MW	AGMS	1 unit
Kelsey	32 MW	AGMS	1 unit
Kettle	106 MW	SBV	6 units



<i>Utility or Organization Gen. Station or Dept.</i>	<i>Unit capacity or Station capacity</i>	<i>Type of system</i>	<i>Nbr of units equipped or systems supplied</i>
<b>CANADA (CONTINUED)</b>			
<b>Manitoba Hydro – MH</b>			
Limestone	133 MW	AGMS SBV	4 units 1 unit
Long Spruce	98 MW	AGMS	2 units
Seven Sisters	31 MW	AGMS VMEF VibraWatch	4 units 5 systems 2 units
<b>New Brunswick Electric Power Commission – NB Power</b>			
Beechwood	36, 43 MW	AGMS	1 unit
Mactaquac	110 MW†	AGMS	1 unit
<b>Newfoundland &amp; Labrador Hydro – NFLH</b>			
Bay d'Espoir	154.8 MW	AGMS	1 unit
Granite Canal	40 MW	AGMS	1 unit
<b>Northern Alberta Institute of Technology</b>			
Edmonton		VibraWatch	1 system
<b>Northwest Territories Power Corp. – NWTPC</b>			
Hay River		DM-100	1 unit
<b>Nova Scotia Power – NSP</b>			
Wreck Cove		VMEF	1 unit
<b>O&amp;M Cogénération Inc.</b>			
* Unknown (Thermal)		MFM	1 unit
<b>Ontario Power Generation (Ontario Hydro) – OPG</b>			
Abitibi Canyon	65.8 MW	ZOOM	1 unit
Arnprior	37 MW	ZOOM	2 units
Aubrey Falls	68.5 MW	AGMS	2 units
Barrett Chute	43 MW	AGMS	1 unit
Chats Falls	24 MW	Shear Pin Detector	8 units
Decew Falls	64 MW	AGMS	1 unit
Des Joachims	50 MW	AGMS	4 units
Harmon	68 MW	ZOOM	2 units
Kipling	66 MW	ZOOM	2 units
Little Long	64 MW	AGMS	2 units
Lower Notch	120 MW	AGMS	2 units
Manitou Falls	14.4 MW	AGMS	3 units
Mountain Chute	75 MW	ZOOM	2 units
Otter Rapids	46 MW	AGMS	3 units
Otto Holden	27 MVA	ZOOM & VibraWatch	4 units
R. H. Saunders	60, 66 MW	ZOOM VibraWatch ThermaWatch Stator	16 units 1 unit 1 unit
Sir Adam Beck 1	36, 43 MW	AGMS	1 unit
Sir Adam Beck 2	80 MW	AGMS	16 units
Sir Adam Beck PGS (Pump/Generators)	31 MW	AGMS	3 units
Wells	107 MW	ZOOM	1 unit
<b>Orillia Water, Light &amp; Power Co.</b>			
Matthias	2.8 MW	VibraWatch	1 unit
Minden	2.5 MW	VibraWatch	2 units
Swift Rapids	2.7 MW	VibraWatch	3 units
<b>Saskpower</b>			
Nipawin	85 MW	AGMS	3 units

† Average Unit Capacity / \* Unknown Installation Site



<i>Utility or Organization Gen. Station or Dept.</i>	<i>Unit capacity or Station capacity</i>	<i>Type of system</i>	<i>Nbr of units equipped or systems supplied</i>
<b>CANADA (CONTINUED)</b>			
<b>Shell Canada</b>			
Scotford Complex (Petrochemical)		FOA	1 system
<b>Seaway Welland Canal</b>			
Welland Canal	4 MW	VibraWatch and DMV-100	2 units
<b>TransAlta Utilities Corp.</b>			
Bighorn	165 MW	ZOOM, VibraWatch & MFM	1 unit
Brazeau	190 MW	ZOOM & VibraWatch	2 units
Calgary	2.2 MW	VMEF	2 systems
Ghost	17 MW	VMEF	4 systems
<b>CHILE</b>			
<b>Broken Hill Property – BHP</b>			
Minera Escondida (Electric Motors – Mining)		VMEF	9 units
<b>Codelco</b>			
El Teniente (Electric Motors-Mining)		VMEF	5 units
<b>Empresa Nacional de Electricidad S.A. – Endesa</b>			
Ralco		VibraWatch	2 units
<b>Minera Los Pelambres</b>			
Los Pelambres (Electric Motors-Mining)		VMEF	2 units
<b>CHINA – P.R. OF</b>			
<b>Beijing Heavy Machinery</b>			
*Unknown Site		FOA	1 system
<b>China Yangtze Three Gorges Project Development Corp. – CTGPC</b>			
Gezhouba	125 MW	AGMS	1 unit
Sanxia / Three Gorges	700 MW	AGMS	14 units
		VibraWatch	6 units
<b>Datang Co.</b>			
Douhe (Steam Turbine)		FOA & VibraWatch	1 unit
<b>Ertan Hydropower Development Company Ltd – EHDC</b>			
Ertan	550 MW	AGMS & VibraWatch	6 units
<b>Fujian Electric Power Co.</b>			
Chitan	25 MW	VMEF & MFM	1 unit
Shaxikou	75 MW	AGMS	2 units
<b>Gansu Power Co.</b>			
Liuxiajia	320 MW	AGMS	1 unit
<b>Hubei Qingjiang Hydroelectric Development Limited Corp. – QDC</b>			
Geheyan	340 MW	AGMS, SBV & MFM	1 unit
<b>Northeast China Electric Power Group</b>			
Baishan	300 MW	ZOOM	1 unit
Lianhua	137.5 MW	ZOOM, SBV, VibraWatch, MFM & PDA	1 unit
		ZOOM, SBV, VibraWatch & MFM	3 units
		BRIDGE-100	1 system
<b>Shandong Power Co.</b>			
Huangdao (Steam Turbine)		FOA	1 unit
<b>South China Electric Power Joint Venture Corp.</b>			
Yantan	303 MW	AGMS	2 units
Tianshengqiao	300 MW	AGMS	1 unit



<i>Utility or Organization Gen. Station or Dept.</i>	<i>Unit capacity or Station capacity</i>	<i>Type of system</i>	<i>Nbr of units equipped or systems supplied</i>
<b><u>CHINA – P.R. OF (CONTINUED)</u></b>			
<b>Tai'An Pumped Storage Power Station Development Co.</b>			
Tai'An (Pump/Generators)	300 MW	ZOOM, VibraWatch & SBV	4 units
<b>Xiaosanxia</b>			
Daxia		AGMS & VibraWatch	1 unit
Xiaoxia	57.5 MW	VibraWatch MFM	1 unit 3 units
<b>Wujiang Hydroelectric Development Corp.</b>			
Dong Feng	170 MW	AGMS, VibraWatch & MFM AGMS & MFM VMEF	1 unit 2 units 1 unit
Suofengying	200 MW	VMEF	6 systems
Wujiangdu	210 MW	AGMS	2 units
<b><u>CHINA-TAIWAN</u></b>			
<b>EMIT Technology</b>			
Laboratory		FOA	2 systems
<b>Taiwan Power Co. – TPC</b>			
Shihlin	40 MW	AGMS & VibraWatch	2 units
Bihai	68 MW	VibraWatch	1 unit
<b><u>COLOMBIA</u></b>			
<b>Empresas Publicas de Medellin</b>			
Guadaloupe IV	90 MW	AGMS & MFM	1 unit
<b><u>COSTA RICA</u></b>			
<b>Instituto Costarricense de Electricidad – ICE</b>			
La Garita	23.5 MW	ZOOM, SBV & VibraWatch	2 units
Peñas Blancas	21.3 MW	ZOOM, SBV & VibraWatch	2 units
Cachi	40 MW	ZOOM, SBV, VibraWatch & MFM	2 units
<b><u>CROATIA</u></b>			
<b>Hrvatska Elektroprivreda Produjce – HEP</b>			
Dubrava (Bulb)	33 MW	AGMS & MFM	1 unit
Dubrovnik	105 MW	MFM	2 units
<b><u>CZECH REPUBLIC</u></b>			
<b>Elektrárenská Spolecnost CEZ s.a.</b>			
Dlouhé Stráné (Pump/Generators)	325 MW	ZOOM	2 units
<b><u>DENMARK</u></b>			
<b>Elsamprojekt</b>			
Fredericia (Gas Turbine)		VibraWatch	1 unit
Vodskov		VibraWatch	1 unit
<b>Rovsing Dynamics A/S</b>			
In-plant Tests		VibraWatch	1 system
<b><u>DOMINICAN REPUBLIC</u></b>			
<b>Corporación Dominicana de Electricidad</b>			
Moncion	1.6 MW	VibraWatch	2 units
<b><u>ECUADOR</u></b>			
<b>Hidronación S.A.</b>			
Marcel Laniado de Wind (Daule Peripa)	65-71 MW	ZOOM & VibraWatch	3 units



<i>Utility or Organization Gen. Station or Dept.</i>	<i>Unit capacity or Station capacity</i>	<i>Type of system</i>	<i>Nbr of units equipped or systems supplied</i>
<b>FINLAND</b>			
<b>CoMoTest Oy</b>			
*Unknown Site		VibraWatch	1 system
<b>Imatran Voima Oy</b>			
Electrical Laboratory		AGMS	1 system
<b>FRANCE</b>			
<b>Électricité de France – EDF</b>			
Avignon (Bulbs)	30 MW	AGMS VMEF Protection	2 units 1 unit
Beucaire (Bulb)	35 MVA	AGMS & VMEF Protection	1 unit
Beaumont s/ Durance (Bulb)	22 MVA	AGMS & VMEF Protection	1 unit
Brommat		VMEF Protection	1 unit
Caderousse (Bulb)	31.5 MVA	AGMS	2 units
Châteauneuf-du-Rhône (Bulb)		AGMS	1 unit
Cheylas (Pump/Generator)	240 MW	AWV Wedging Verification Service	1 system
DTG (in Grenoble)		AGMS & VMEF	1 system
Fessenheim		AGMS & SBV	1 unit
Gambsheim (Bulbs)	25 MVA	AGMS	4 units
Gerstheim (Bulbs)	25 MVA	AGMS	4 units
Gervans (Bulb)		AGMS	1 unit
Kembs (Bulb)		AGMS & VibraWatch	1 unit
La Bathie		SBV	1 unit
La Rance (Bulb)	10 MVA	AGMS	1 unit
Montezic (Pump/Generator)	250 MVA	SBV & AWV Wedging Verification Service	1 unit
Marckolsheim		AGMS & VMEF Protection	1 unit
Pierre Bénite (Bulb)	22.5 MVA	AGMS & SBV	1 unit
Rhinau	38 MVA	VMEF Protection	1 unit
Saubrenas (Bulb)		AGMS	1 unit
SIM-MECEM (in Béziers)		AGMS	1 system
Strasbourg (Bulbs)	25 MVA	AGMS	2 units
Villeneuve s/ Lot (Bulb)	15 MVA	AGMS	1 unit
USI EST (in Colmar) (Test bench)		AGMS VibraWatch	1 system 1 system
<b>Lafarge</b>			
*Unknown Site (Large Motors)		VMEF	5 systems
<b>GERMANY</b>			
<b>BKW Energie</b>			
Birsfelden		VMEF VibraWatch	10 systems 1 unit
<b>Fachhochschule Konstanz</b>			
In-plant Tests		VibraWatch	1 system
<b>Siemens KWU</b>			
In-plant Tests		FOA	1 system
* Unknown Site (Turbogenerator)		FOA	1 system
* Unknown Site (Turbogenerator)		FOA, VibraWatch & SBV	1 system
<b>Vereinigte Energiewerke AS – VEAG</b>			
Goldisthal	180 MW	ZOOM	1 unit
<b>Weigelt</b>			
* Unknown Site (Turbogenerator)		FOA	1 system



<i>Utility or Organization Gen. Station or Dept.</i>	<i>Unit capacity or Station capacity</i>	<i>Type of system</i>	<i>Nbr of units equipped or systems supplied</i>
<b><u>GHANA</u></b>			
<b>Volta River Authority – VRA</b>			
Kpong	44 MW	AGMS	4 units
<b><u>HUNGARY</u></b>			
<b>Tiszaviz Hydro Power</b>			
Kisköre (Bulb)	40 MW	VibraWatch	1 unit
<b><u>ICELAND</u></b>			
<b>Landsvirkjun</b>			
Vatnsfell	90 MW	ZOOM & VibraWatch	2 units
<b><u>INDIA</u></b>			
<b>Government of Maharashtra Irrigation Dept. – GOMID</b>			
Ghatgar (Pump/Generator)	125 MW	AGMS VMEF Protection	1 system 2 units
<b>Malana Power Co.</b>			
Malana		VibraWatch	2 units
<b>National Hydroelectric Power Corp. – NHPC</b>			
Chamera 1	180 MW	ZOOM & VibraWatch	3 units
<b>Uttaranchal Jal Vidyut Nigam Ltd. – UJVNL</b>			
Chibro	60 MW	VibraWatch	4 units
<b><u>INDONESIA</u></b>			
<b>Perusahaan Listrik Negara – PT.PLN</b>			
Bakaru 1		AGMS	1 unit
Cirata	140 MW	AGMS	2 units
Saguling	179 MW	AGMS	2 units
<b>PT International Nickel – PT. INCO</b>			
Larona	60 MW	ZOOM	3 units
<b>PT Newmont Nusa Tenggara</b>			
* Unknown site (Mining)		VMEF	4 systems
<b>PT Spektrum Krisindo ElektriKA</b>			
Indocement (Concrete Factory)		VMEF	1 system
<b><u>IRAN</u></b>			
<b>Iran Water &amp; Power Resources Development Co. – IWPC</b>			
Karkheh	140 MVA	AGMS	3 units
Masjed e Soleyman	263 MVA	AGMS VibraWatch	8 units 4 units
<b><u>ITALY</u></b>			
<b>Ansaldo</b>			
In-plant Tests		AGMS	1 system
<b><u>JAPAN</u></b>			
<b>Hitachi</b>			
In-plant Tests		FOA & VibraWatch	1 system
<b>High Speed Surface Transport – HSST</b>			
Laboratory (Maglev Trains)		VMEF Levitation Level	1 system
<b>Railway Technical Research Institute – RTRI</b>			
Laboratory (Maglev Trains)		VMEF Levitation Level	1 system
<b>Toshiba</b>			
In-plant Tests	30 MW	AGMS	1 system



<i>Utility or Organization Gen. Station or Dept.</i>	<i>Unit capacity or Station capacity</i>	<i>Type of system</i>	<i>Nbr of units equipped or systems supplied</i>
<b><u>MEXICO</u></b>			
<b>Comision Federal de Electricidad – CFE</b>			
Caracol	197 MW	AGMS	3 units
Chicoasen	300 MW	AGMS & VibraWatch	3 units
Infiernillo	160 MW	AGMS	4 units
Temascal	122 MW	AGMS	2 units
<b>VA TECH Escher Wyss</b>			
*Unknown Site (Honduras)		VibraWatch	1 system
<b><u>NEW ZEALAND</u></b>			
<b>Electric Corp. of New Zealand – ECNZ</b>			
Tekapo B	80 MW	AGMS	2 units
<b><u>NORWAY</u></b>			
<b>ABB Drammen</b>			
Norad		SBV	3 units
<b><u>PAKISTAN</u></b>			
<b>Water and Power Development Authority – WAPDA</b>			
Ghazi-Barotha	290 MW	ZOOM, SBV & MFM	5 units
Warsak	40 MW	AGMS & VibraWatch	6 units
<b><u>PERU</u></b>			
<b>Compania Minera S.A.</b>			
Antamina (Electric Motors – Mining)		VMEF	6 systems
<b>Electroperu</b>			
Mantaro	114 MW	VibraWatch	1 unit
<b>Empresa de Generación Eléctrica de Lima – EDEGEL</b>			
Callahuanca	18 MW†	VibraWatch	4 units
<b>Empresa de Generación Eléctrica MachuPicchu – EGEMSA</b>			
MachuPicchu	40 MW	AGMS, VibraWatch & MFM	3 units
<b>Empresa de Generación Eléctrica San Gaban – EGESG</b>			
San Gaban		VibraWatch	2 units
<b><u>PHILIPPINES</u></b>			
<b>IMPSA &amp; Edison Mission</b>			
Botocan	11 MW	VibraWatch	2 units
Caliraya	17.5 MW	VibraWatch	2 units
Kalayaan 1 (Pump/Generator)	177 MW	VibraWatch	2 units
Kalayaan 2	155.5 MW	VibraWatch	2 units
<b>National Power Corp. – NPC</b>			
Pulangi 4	85 MW	AGMS	2 units
<b>San Roque Power Corp.</b>			
San Roque	345 MW	ZOOM & VibraWatch	3 units
<b><u>POLAND</u></b>			
<b>Z.E. Toruń S.A.</b>			
Wloclawek	27.8 MW	ZOOM & MFM	4 units
<b>ESP S.A.</b>			
Dychow	79 MW	ZOOM & MFM	3 units



<i>Utility or Organization Gen. Station or Dept.</i>	<i>Unit capacity or Station capacity</i>	<i>Type of system</i>	<i>Nbr of units equipped or systems supplied</i>
<b><u>PORTUGAL</u></b>			
<b>Companhia Portuguesa de Produção de Electricidade S.A. – CPPE</b>			
Alto Lindoso	300 MW	VibraWatch	2 units
Fratel	46 MW	AGMS & VibraWatch	3 units
Miranda 2	189 MW	ZOOM	1 unit
Pracana	15 MW	ZOOM	2 units
<b>Empresa de Desenvolvimento e Infra-Estruturas do Alqueva S.A. – EDIA</b>			
Alqueva	135 MVA	ZOOM & FOA	2 units
<b><u>ROMANIA</u></b>			
<b>Romcim S.A.</b>			
Asled II (Large Motor)		VMEF	1 unit
<b>RENEL Romania</b>			
Portile de Fier 1	190 MVA	AGMS	2 units
Portile de Fier 2 (Bulbs)	27.5 MVA	AGMS	4 units
<b>UCM Resita SA</b>			
Poiana Teiului		ZOOM, VibraWatch	2 units
		VibraWatch	1 unit
*Unknown Site		VibraWatch	4 units
<b><u>RUSSIA</u></b>			
<b>Electrosila</b>			
In-plant Tests		FOA	1 unit
<b>Irkutskenergo</b>			
Bratsk	250 MW	ZOOM, VibraWatch & MFM	1 unit
<b><u>SOUTH AFRICA</u></b>			
<b>ESKOM</b>			
Arnot (Steam Turbines)	350 MW	FOA	6 units
Camden (Steam Turbines)	200 MW	FOA & VibraWatch	2 units
Kendal (Steam Turbines)	686 MW	FOA	6 units
Kriel (Steam Turbines)	500 MW	FOA & VibraWatch	2 units
<b><u>SOUTH KOREA</u></b>			
<b>Korea Hydro &amp; Nuclear Power Co., Ltd. – KHNP</b>			
Kori (Nuclear Power Plant)	647 MW	FOA & VibraWatch	1 unit
<b>Kowaco</b>			
Daechong		VMEF	1 system
<b>Woorigisool Inc.</b>			
* Unknown Site		VMEF	4 systems
<b><u>SPAIN</u></b>			
<b>Alstom Spain / Neurylan, S.L.</b>			
* Unknown sites (Electric Motors-Mining)		VMEF	11 units
<b><u>SWEDEN</u></b>			
<b>Kvaerner Turbin AB</b>			
* Unknown Site		VibraWatch	3 systems
<b>Sydkraft</b>			
In-plant Tests		MFM	1 system



<i>Utility or Organization Gen. Station or Dept.</i>	<i>Unit capacity or Station capacity</i>	<i>Type of system</i>	<i>Nbr of units equipped or systems supplied</i>
<b><u>SWITZERLAND</u></b>			
<b>Asea Brown Boveri – ABB</b>			
In-plant Tests (HV Transformer)		FOA	1 system
* Overseas Project		VMEF	10 systems
* Unknown Site in Spain (Turbogenerator)	600 MW	FOA	1 system
* Unknown Site (Electric Motors)		VMEF	8 systems
<b>Bernische-Kraftwerke AG</b>			
Kandergrund		AGMS	2 units
* Unknown Site		VMEF	8 systems
<b>Elektrizitäts-Gesellschaft Laufenburg AG</b>			
Laufenburg (Straflow)		AGMS	1 unit
<b>Entreprises Électriques Fribourgeoise – EEF</b>			
Hauterive	32 MVA	ZOOM & SBV	1 unit
<b>Nordostliche-Kraftwerke</b>			
Beznau (Nuclear Turbogenerators)	250 MVA	FOA	4 units
<b>Romande Énergie</b>			
Les Farettes		VibraWatch	1 system
<b>Services industriels de Genève – SIG</b>			
Verbois	60 MVA	AGMS & VibraWatch	4 units
<b>Vibro-Consult</b>			
Banwil	60 MVA	VibraWatch	1 unit
<b>Vibro-Meter AG</b>			
In-plant Tests		AGMS VMEF	2 systems 2 systems
<b><u>TASMANIA</u></b>			
<b>Tasmania Hydro</b>			
Trevalyn	50 MW	VMEF	2 units
<b><u>TURKEY</u></b>			
<b>ERE Hydroelektrik Uretim ve Ticaret</b>			
Birkapili	53.4 MW	VibraWatch	1 unit
<b><u>UKRAINE</u></b>			
<b>OJSC DniproHydroEnergo</b>			
Dniprodzerhynsk	48.4 MW	AGMS & VibraWatch	4 units
Kakhovka	57.2 MW	AGMS & VibraWatch	4 units
Kremenchuk	57.2 MW	AGMS & VibraWatch	6 units
Kyiv (Bulbs)	21 MW	AGMS & VibraWatch	8 units
<b><u>UNITED KINGDOM</u></b>			
<b>First Hydro</b>			
Dinorwig (Pump/Generator)	330 MVA	FOA	1 unit
<b><u>UNITED-STATES</u></b>			
<b>Air Liquid</b>			
*Unknown Site		FOA	1 system
<b>Alabama Power</b>			
Martin Dam	50 MW	VibraWatch	1 unit
<b>Arizona Public Service Co. – APS (Pinnacle West Energy)</b>			
Red Hawk (Turbogenerators)		FOA	2 units



<i>Utility or Organization Gen. Station or Dept.</i>	<i>Unit capacity or Station capacity</i>	<i>Type of system</i>	<i>Nbr of units equipped or systems supplied</i>
<b>UNITED-STATES (CONTINUED)</b>			
<b>Avista Corp. (Washington Water Power)</b>			
Cabinet Gorge	80 MW	ZOOM, SBV, MFM, PDA, Cavitation & Ozone	1 unit
		ZOOM, SBV & MFM	1 unit
		BRIDGE-100	1 system
Noxon Rapids	105, 114 MW	ZOOM, VibraWatch, MFM, PDA, Cavitation & Ozone	4 units
		SBV	1 unit
		ZOOM	1 system
		BRIDGE-100	1 unit
<b>Bently-Nevada</b>			
* In-plant Tests		AGMS	1 unit
<b>Bowater</b>			
Calhoun Paper Mill (Large Motors)		VibraWatch	14 systems
<b>Cinergy / ULH&amp;P</b>			
East Bend (Turbogenerator)	669 MW	FOA	1 system
<b>Consumer Energy</b>			
J.H. Campbell (Steam Turbine)	156, 1025 MVA	SBV & FOA	3 units
Ludington (Pump/Generator)	250 MW	ZOOM, VibraWatch & MFM	1 unit
<b>Deublin Co.</b>			
In-plant Tests		VibraWatch	1 system
<b>Duke Power</b>			
Bad Creek (Pump/Generator)	266 MW	VMEF	2 systems
Jocassee	153 MW	SBV AGMS	2 units 1 unit
<b>Exelon (Susquehanna Electric Co.)</b>			
Muddy Run (Pump/Generator)	134 MW	VMEF	1 system
<b>First Energy</b>			
Yards Creek (Pump/Generator)	200 MW	ThermaWatch Rotor	2 systems
<b>Florida Power &amp; Light Co. – FPL</b>			
* Unknown Site (Compressor)		VibraWatch	2 systems
<b>Georgia Power Co.</b>			
Bowen Plant (Steam Turbine)	875 MW	FOA	1 unit
Wansley (Steam Turbine)	950 MW	FOA	3 units
<b>GE Power Systems</b>			
In-plant Tests		FOA	6 systems
* Unknown Sites (Steam Turbines)		FOA	10 systems
<b>Grand River Dam Authority – GRDA</b>			
Pensacola	15 MW	AGMS	5 units
<b>Idaho Power</b>			
Transportable diagnostic tool		VMEF	2 systems
<b>Ideal Electric</b>			
In-plant Tests (Large Motors)		VibraWatch	2 systems
<b>MidAmerican Energy</b>			
Council Bluffs (Turbogenerator)	790 MW	FOA & VibraWatch	1 unit
Louisa (Turbogenerator)	500 MW	FOA & VibraWatch	1 unit



<i>Utility or Organization Gen. Station or Dept.</i>	<i>Unit capacity or Station capacity</i>	<i>Type of system</i>	<i>Nbr of units equipped or systems supplied</i>
<b>UNITED-STATES (CONTINUED)</b>			
<b>Newmont Mining Corp.</b>			
Newmont Gold Nevada (Electric Motor – Mining)		VMEF	1 system
<b>New York Power Authority – NYPA</b>			
Blenheim Gilboa (Pump/Generators)	278 MW	AGMS	2 units
Lewiston (Pump/Generators)	163.4 MW	AGMS	5 units
R. Moses (St-Lawrence)	60 MW	AGMS VMEF	16 units 2 systems
<b>Northeast Utilities Service</b>			
Northfield (Pump/Generator)	270 MVA	VMEF	1 system
<b>Oglethorpe Power Corp.</b>			
Rocky Mountain (Pump/Generators)	283 MW	ZOOM, MFM, VibraWatch & Ozone	3 units
<b>Orion Power (Niagara Mohawk Power)</b>			
Spier Falls	22 MW	VibraWatch	1 unit
<b>PacifiCorp.</b>			
COPCO		MFM	1 unit
Merwin	45 MW	VibraWatch MFM	3 units 1 unit
Powerdale	6 MW	VibraWatch	1 unit
Prospect No. 3	7 MW	VibraWatch & MFM	1 unit
Soda Springs	11.8 MW	VibraWatch	1 unit
Swift		MFM VibraWatch	1 unit 3 units
Toketee		MFM	1 unit
Yale		MFM & VibraWatch	1 unit
Warehouse		MFM	1 unit
<b>Portland General Electric</b>			
* Unknown Site		VibraWatch	2 units
* Unknown Site		VMEF	1 unit
<b>PP&amp;L Montana, LLC (Montana Power Co.)</b>			
Kerr Dam	78 MW	MFM	1 unit
Holter Dam	9.6 MW	VibraWatch	6 units
Thompson Falls	50 MW	ZOOM	1 unit
<b>PUD of Chelan County</b>			
Rock Island	16, 20 MW	ZOOM & VibraWatch BRIDGE-200	10 units 1 system
Rocky Reach	114, 125 MW	ZOOM & VibraWatch SBV BRIDGE-200	8 units 1 unit 1 system
<b>PUD of Grant County</b>			
Wanapum	109.25 MW	VMEF	1 system
<b>Seattle City Light</b>			
Boundary Dam		VMEF	1 unit
<b>Siemens Westinghouse</b>			
* Unknown Site in Europe (Steam Turbine)		FOA	1 system
<b>Siemens Power Corp.</b>			
Transportable diagnostic tool		AGMS	1 unit



<i>Utility or Organization Gen. Station or Dept.</i>	<i>Unit capacity or Station capacity</i>	<i>Type of system</i>	<i>Nbr of units equipped or systems supplied</i>
<b>UNITED-STATES (CONTINUED)</b>			
<b>State of California, Dept. Water Resources – CDWR</b>			
Castaic	150 MW	VMEF	1 system
Gianelli		VMEF	3 systems
Thermalito (Pump/Generator)	28 MW	VMEF	1 system
Hyatt	50 MW	ThermaWatch Stator	1 unit
* Unknown Site		VMEF	4 systems
<b>Texas Utility Electric – TXU</b>			
Big Brown		FOA	1 system
Comanche Peak (Pumps, Nuclear Plant)		VibraWatch	8 systems
Tradinghouse (Steam Turbine)	690 MW	VibraWatch	1 system
* Unknown Site		VibraWatch	1 system
Warehouse		FOA	1 system
<b>TransCanada Corp. (USGEN New England, Inc.)</b>			
S.C. Moore	50 MW	AGMS VibraWatch	2 units 1 unit
Vernon Dam	22 MW	VibraWatch	2 units
<b>U.S. Army Corps of Engineers – USACE</b>			
Barkley	32.5 MW	ZOOM	1 unit
Dardanelle	31 MW	AGMS	1 unit
Gavins Point	44 MW	ZOOM	1 unit
J. Percy Priest	28 MW	ZOOM & SBV	1 unit
<b>U.S. Dept. of Interior, Bureau of Reclamation – USBR</b>			
Crystal	28 MW	AGMS & SBV	1 unit
Folsom	80 MW	ZOOM, MFM & VibraWatch	3 units
Grand Coulee	805 MW	AGMS	3 units
New Melones	150 MW	ZOOM, MFM & VibraWatch	1 unit
Shasta	142 MW	ZOOM, MFM & VibraWatch	3 units
<b>Virginia Power</b>			
Bath County (Pump/Generators)	350 MW	AGMS	2 units
<b>Voith Hydro</b>			
* Unknown Site		VMEF	1 system
<b>VENEZUELA</b>			
<b>Electrificaci3n del Caroni – EDELCA</b>			
Caruachi	180 MW	ZOOM & VibraWatch	12 units
Guri 2	750 MW	VibraWatch	5 units
Macagua 2	198 MW	ZOOM	12 units
<b>Summary of projects</b>			
(As of December 31, 2004)			
	AGMS	478 units	≈ 4375 measuring chains*
	ZOOM	251 units	≈ 3000 input channels*
	VibraWatch	383 units or systems	≈ 1500 measuring chains*
	SBV	88 units	≈ 800 measuring chains*
	FOA	75 units or systems	≈ 675 measuring chains*
	MFM	99 units or systems	99 measuring chains
	VMEF	182 systems	≈ 220 measuring chains*
	DM	41 units	41 measuring chains
	BRIDGE	6 systems	n/a
	ThermaWatch Rotor	3 units	3 measuring chains
	ThermaWatch Stator	3 units	≈ 90 measuring points*
	Broken Shear Pin Detector	8 units	176 devices
	<b>TOTAL</b>	<b>1617</b>	

† Average Unit Capacity | \* Unknown Installation Site

\* Estimated number of measuring chains based on average per machine equipped