

Stop Mussels from Muscling In



Atlantium's Hydro-Optic™ (HOD) UV disinfection technology is a cost-effective solution proven to prevent biofouling from invasive mussels at hydroelectric facilities.

- Environmentally sustainable, non-chemical treatment
- Achieves 100% inactivation even with < 50% UVT
- Reduces the operational impact of biofouling, protects turbines and heat exchangers

atlantium.com

Contact Dennis Bitter at +1 714 305 6111 or dennisb@atlantium.com



FULLY-SPLIT E.A.S.-S.E.E. SEAL® TURBINE SHAFT SEALS

Older units, in need of upgrades!?

- Save **tens-of-thousands** on refurbishments!
- Ours are the **"most-retrofitable"** of any solutions!
- No modifications or reworking required... even on **"vintage", well-used** units
- Packing-worn, scored, pitted, corroded... no problem!
- Excessive-movements / angular-misalignments... no problem!
- Minimize outages! recommission, literally in hours... not days or weeks!
- **Zero-leakage** attainable!
- Long, dependable, maintenance-free performance!
- Maximum cost-effectiveness, **guaranteed!**

FULLY-SPLIT GEARBOX & GUIDE-BEARING SEALS



SEALOGIC INNOVATIONS CORP.

11-404 Maitland Drive, Belleville, Ontario, Canada
Tel. 613-966-4567

VAC-X-PEL™ Fully-Automatic, Self-Cleaning Filter for BEARING-WATER / SEAL-WATER

- ✓ EXTREMELY COST-EFFECTIVE
- ✓ USES SYSTEM WATER ONLY
- ✓ RIGHT OFF THE PENSTOCK
- ✓ SIMPLE INSTALLATION
- ✓ ONLY 5-SECOND BACKWASH
- ✓ VIRTUALLY MAINTENANCE-FREE
- ✓ AS FINE AS 20 MICRON
- ✓ STANDARD 110V/220V OUTLET
- ✓ STAINLESS STEEL PERMANENT SCREEN



"Simply Better"

www.seal-ogic.com

E-mail: eng@seal-ogic.com

SEAL-OGIC
INNOVATIONS:



PROUD OWA MEMBERS

635294 Ont.Inc.	Chant Group
ABB	CIMA+
Acorn Green Environment	Coral Rapids Power LP
Aird & Berlis LLP	Corpfinance
Algonquin Power	D.M. Wills Associates Ltd.
Algonquin Power Systems Ltd.	David Brown Santasalo Service
ANF Energy Solutions Inc.	Diving Services
ARCADIS SENES Canada Inc.	Eaton Industries Canada Co
ASI Marine	EBC Inc.
Axor Group Inc	Ecofish Research
Belzona Great Lakes Ltd	EcoReg Solutions
Boralex Inc.	Eganville Generation Corporation
Borden Ladner Gervais LLP	Embertech Industrial Inc.
Bowfin Environmental Consulting	Enerdu Power Systems
Bracebridge Gen.Ltd.	Gedawin Novo Controls Inc.
Bridge Executive Energy Solutions Ltd	GEI Consultants Inc
Bronte Construction	Gemini Power Corporation
Canadian Hydro Components	GeoTriangle Consulting Inc.
Can-Am Instruments / Arjay Engineering	Gowling WLG
Capstone c/o MPT Hydro LP	Grand River Conservation Authority
Casselman Generating Station	GreenBug Energy
	H2O Power LP

Hatch Ltd
HDR Corporation
Horizon Hydro
Hoskin Scientific
Hugh Wood Canada
Hutchinson Environmental Sciences Ltd
Hydro ECI Inc.
Hydro One Remote Comm
Hydromega Services Inc.
Indar Electric, S.L.
Innergex Renewable Energy (IRE)
Jancal Power Ltd
Joan Frain
Kagawong Power
KGS Group Incorporated
Kilgour Associates
Kisters North America Inc.
Kleinschmidt
Klohn Crippen Berger
L.W.M.S. Ltd.
Lizard Creek Power Inc.
Madsen Controls and Engineering
Maple Reinders Constructors Ltd.
Martin Merry Reid

Mavel Americas Inc.
McGhee-Krizsan Engineering Ltd.
McMillen, LLC
Mearie Group
Mersen Canada Dn. Ltd.
Mississippi River Power Corp.
MOBEC Engineering
Monmet Ltd.
Multistream Power Corporation
Natural Resource Solutions
Norcan Hydraulic Turbine Inc.
Northland Power
Oakville Enterprises
Ontario Power Generation
Orillia Power
Ossberger Hydro Inc.
Pacific Netting Products
Peterborough Utilities Inc.
Pic River First Nation
Pinchin Ltd.
Planning Solutions Inc.
Portage Power
Quinte Conservation
Rankin Renewable Power Inc.
Regional Power

Renfrew Power Gen.
Rural Ontario Municipal Association
Sealogic Innovations Corp
Serpent River
Shaman Power Corporation
SLR Consulting
South River Power Generation Corporation
St. Lawrence Seaway
Stantec Consulting Ltd.
Sussex Str. Group
T Tung Hydraulic & Renewable Tech. Inc.
Thordon Bearings Inc
Timber Run Hydropower
Torys LLP
Touzel Business Services Inc.
TransCanada Energy
Vale Canada Ltd.
van Tol Enterprises
Waterotor Energy Technologies Inc.
West Nipissing Power Generation
Willms & Shier Environmental Lawyers LLP
WSP Canada Inc.



City of Peterborough
City of Quinte West
City of Kawartha Lakes
Municipality of Trent Hills
City of Kingston
City of Niagara Falls
Federation of Northern Ontario Municipalities
Township of Selwyn
Corporation of the Municipality of Mississippi Mills
Town of Niagara-on-the-Lake
Town of Renfrew
Northwestern Ontario Municipal Association
Town of Smooth Rock Falls
Municipality of Wawa
Village of South River
Town of Blind River
Township of Ear Falls
City of Timmins

RECIPROCAL MEMBERS AND OWA PARTNERS

Association of Power Producers of Ontario
Canadian Biogas Association
Canadian Dam Association
Canadian Renewable Energy Association
Clarion Events
Electricity Distributor Association
Electricity Human Resources Canada
Energy Council of Canada
Energy Storage Canada
Federation of Ontario Cottagers Association (FOCA)
National Hydropower Association
Ontario Environmental Industry Association
Queen's University
The Water Institute - University of Waterloo
University of Toronto
Women in Renewable Energy