



Customer/Company Comments Updated February 2008

Thanks for taking the time to look at our history of comments and testimonials. We have received one negative comment in all our years of business, but we reserve the right to put it right at the very end. Perhaps after browsing the 48 plus pages of positive feedback you will make your own opinion of our ability to make good products and give good advice in regards to renewable energy.



-Michael Lawley
Founder of EcoInnovation

16 August 2006

Glenn Road Weir Project

The Council commissioned **Mr. Michael Lawley-EcoInnovation** to undertake an assessment of the potential to adapt the existing Glenn Road Weir site to produce micro-hydroelectric power. This project is known as the Glenn Road project.

The work produced by Michael Lawley on the Glenn Road Weir project **was of a high quality, demonstrated technical competence and was completed in a timely fashion.**

Yours faithfully

BG Chamberlain



Chief Executive
Taranaki Regional Council
47 Cloten Road
Stratford
New Zealand
Phone 0800 736 222

(Authors note – this 71-page report is on file at the TRC entitled “Pre-Feasibility Study of Glenn Road Weir and Hydro Power Station” – it was commenced in July 2002 and completed in July 2006. This report might be of use to any body looking at resurrecting old or abandoned hydro schemes and is available from the TRC who commission the report.

All well here on the hydro front.
By the way, the bearings I put in our unit are still as quiet as the day I put them in 3 years ago - I squirt a few 'pumps' of oil from an oil can into the housing every 2 or 3 months. No mess really and I feel the minute impact of pollution is insignificant.

Hope all is well with you
River (January , 2009 NZ)

Thank you very much Michael

The new Smart Drive has almost doubled the output power.

N Frear (NZ November 19, 2008)

I have installed a Rainbow Micro Hydro Max 300watt,

My neighbor M MacDonald has bought one of your Peltons to generate his power.

His system is more efficient than Rainbow's, can you please point me at the kit or even finished unit that I could replace my present system with?

My water pressure is 140psi

I use a 5mm jet normally and get 5.9 amps at 24 volts.

I remain, yours faithfully,

Charles Friday, November 14, 2008 AUS

Michael,

Just completed the high voltage system you supplied to me months ago.

The customer is over the moon with the results and we have tested the unit at 800 watts continuous for over 4 weeks ...he is now using it at 400 watts (heaps) and dreaming of grid connecting two units in parallel in the future, (High voltage DC)

Thanks

Stuart Watson (Australia Saturday, 25 October 2008)

Hi Michael,

I couldn't thank you yesterday as I had to jump into the car to make it to the airport, but thanks for the excellent weekend: A water-jet of information!

I enjoyed it and it was spot-on , just what I needed. The interactive and hand-on style works really well and maximizes the value for the participants.

Thanks again, also to your wife and family for the excellent catering of five servings per day and their hospitality! :-) We'll keep in contact...

Cheers,
Stefan

Stefan NIWA

During the recent storms, Meridian recorded 147km gusts up at our place – uprooted about 30 of our trees but the windmill is fine.

Cheers
Steve Tuesday, August 26, 2008 NZ

Hello Michael and Ken

Many thanks for coming down to Golden Bay and teaching the Renewable Energy System Workshop.

It was great and I certainly learned a lot.

The dynamic teaching style with two of you doing the presentation was very lively and no one had a chance to nod off.

I attach a list of the participants for your reference.

I also attach some photos.

Best regards

Richard Tuesday, August 26, 2008 NZ

Hi Mike

just thought you'd like to know we were so concerned at the huge amount of power we are continuously dumping since fitting the other stator that we have brought our freezer back from the neighbour's where it has been running on mains power and now don't have to go across the river when we need more of our home kill meat. By the time we get another summer drought it will probably be empty and can be turned off. I've never seen it so wet here and we are using about a tenth of the stream flow, which is nice as it leaves some for the koura.

Jeanette Monday, 18 August 2008 NZ

Hey Mike,
Don't know if you heard about the winds in Pohangina last week, but they exceeded 200 kph (probably up around 220 or more at some

times). A whole bunch of trees blew down (couple thousand), and the yurt is no longer standing. On the lighter side though, we still had two freezers and a refrigerator running (although no roof) while everyone else was without power for a week, **and the turbine survived what I would call excessive winds. The dissipation coil was glowing at times. A real test of your equipment.** I will be taking the turbine down while we are not living there. Is there anything that I should check after being exposed to heavy, gusty, wind? The guy wires were a bit loose (bent a couple of the screw anchor shafts so will need to shorten the wires a bit.

When the big gusts hit, and the turbine turned out of the wind, it sounded like a Mac truck engine braking down a very steep hill. Our trampoline landed about 200m down the paddock. Over two fences and never touched the ground. A very humbling experience.

Talk to you later,
Karl

EcoInnovation note – *Although we only warrant our turbine to 120 km/hr we might lift this after this test. Clearly our blade securing method works well but we wouldn't recommend you try this with our product. Karl was lucky it was not destroyed. Wind this strong has 5 times more power in it than at 120 km/hr. We often say "If the wind is strong enough to destroy your turbine this will be the least of your worries".*

Hi Michael

Have converted to 24v and now getting 342W with a 6mm jet - i.e achieving specified performance.

Regards

Mr Rosser (Australia)

EcoInnovation notes. *We had a complaint about poor performance of our hydro turbine, when we looked into it we noticed the client had ordered a 24 vdc turbine but installed it on a 12 vdc system. When it was subsequently installed correctly it performed 3% better than we estimated it would.*

Hi



Just to let you know that my order for 6x turbine blades arrived today
Thanks for the quick service & dispatch of my order
The blades are for my latest Axial Flux generator based around Hugh
Piggots 4ft using 1 1/2" round rare earth magnets dual rotor
Great article in the lastest shed magazine you are doing great work
with the F&P motors keep it up
Many Thanks
Brendan Wednesday, July 16, 2008 Aus

Wow don't known what it is like on your side of the country.
But has been blowing a gale all night here. Windmill has been
working very well sitting on over 20amps all night, trying to burn
off the surplus.

Cheers
Campbell Sunday, July 06, 2008

Dear Michael,

Thank you for hosting the excellent 3 day workshop our Eco Design
Advisor team attended last week.... The workshops given by you and
Ken were extremely informative for all of us.... please pass my
gratitude onto Linda for her wonderful cooking which kept us warm
despite the wintery conditions

Kind Regards

Roman Jaques
EDA team
Branz.co.nz

Scott here, thanks again, the Smart Motor arrived today, love it!!
A great surprise to find a Rectifier Kit included! Thanks again.

(NZ 7/5/08)

Hi Michael, Linda and boys, and Ken,

Many, many thanks for the very stimulating, educational, warm and enjoyable time you gave the EDA team this week. I'll never forget: your enthusiasm and depth and breadth of knowledge, whilst always keeping the big picture in mind; your walking the talk; the site; keen listening skills; the example you provide for other businesses; and your warm welcomes and engagement. I came away inspired, informed, and empowered.

Best wishes,

Fred Braxton

Eco Design Advisor
Waitakere City Council

Michael,

First I must say, Bravo for the work you have done with these nifty motors & I am very impressed with your outfit there in NZ! In fact, if we can get our technology off the ground, I want my business partners & I to come & stay at your resort and experience NZ up close & personal.

Best Regards,
C Moody

Hi Mike

Can you please ring me about your hydro system on Anchor Island. I have been looking after a similar setup on Codfish Island & would like to upgrade to your system.

D Faulkner

New Zealand
Aluminium Smelters LTD

Dear Michael

The members of the **Taranaki Caravan Club** have asked me to write to you for showing us around your wonderful inventive and interesting projects and giving us your very valuable time. There was a great deal of discussion among the group following your visit.

With thanks

Yours faithfully
Blanci Rutherford

I think your site is fantastic and I love reading it and it's a great site. I am 17 and plan to be a mechanical or electrical engineer. Your work would be the ultimate of what I want to do. I love alternative energy, my back country hut is solar powered and the wind turbine is going in soon, take a look at my alternative energy website

Regards J Evans

Dear Michael

It's taken me a while but I've finally put up the 200W Chinese turbine and it worked really well and even survived the 150kph gales that have been sweeping southern Victoria.

Best wishes

Simon 6/4/08 AUS

Hi Michael,

I really enjoyed attending your course last year. It was both informative and practical, which is a difficult mix to achieve given its short duration.

Thanks again for an excellent course.

Regards -

S Norton 5/4/08 NZ)

Hi Michael,



Just a note to let you know that the system has been going great. Have pretty much built the whole house with it, with out having to start up the generator. Even the floor sanding guys were able to run there sanders through it for the day with no problems.

Cheers
Campbell. 5/4/08 NZ

I have one of Michael's water turbines running on my property, along with some pv panels, inverter and batteries. System is reliable and runs well. If you are thinking of contacting Michael then look at his website www.ecoinnovation.co.nz first as it has lots of information and FAQs before you ring him as he's very busy. The water turbine is made of powder coated aluminium with plastic intakes and spoons. He also does open days - see website - well worth going to if you are thinking of making the investment.

Dee Turner

Michael

So sorry to miss you on Saturday. Thanks for a lovely stay - what an oasis and such a pleasant surprise. We were taken with the trust you placed in us how comfy the lodge was and how organised you must be - we're now curious to come back again - back to Taranaki and back to "the good life"!

Kind Regards
Steve and Julie (11/3/08 NZ)

Dear Mike

The New Plymouth Classic Club have asked me to write to you expressing out thanks for the great welcome you gave our members on their recent visit to your energy efficient home.

It was certainly an eye-opener as to just how much energy we waste and how nature, with a bit of help from man, can create self-sufficiency...well almost.

Thank you once again for a most enlightening day.

Regards Dennis Young
Secretary NPCM (NZ 20/2/08)

Hi Michael

Generally, since we got the Smart 800 back it has been working like a dream, virtually every day we have been dumping power, which has been good for me as I am currently working from home....., which means that the computer is on most of the day.

The fibreglass resin used for the blades, combined with the additional bolt fixing really seems to be doing the trick to retain the blades.

I have become very adept at judging the amount of power being generated by the windmill just by looking at it.

Hope all is well with you.

Cheers
Steve

Hi Mike,

I put the turbine up as soon as we got back. The hydro was running out of water (<100w). The day I got the mast up, the wind picked up and gave it a good test.

Got the turbine up the next day and then 1 1/2 weeks of nothing. Last few days has been back to normal.

Hydro up to 200w, lots of sun, and some good wind (16A). At some points was generating more than 22A, but dumping over half of it. Need larger battery bank to soak up the excess.

Thanks,
Karl (20 February 2008 – NZ)
(Smart 800 at 48 vdc – over 1000 Watts peak)

Hi Michael

The 2 previous systems you sold me are a source of joy !

Thanks



S Watson

NSW (Australia 11/12/07)

Hi Michael

Trust things are going well for you up there. I'm finally back on Anchor, haven't been here since we both left. I'm still stunned (literally) by the brightness of the lights. The system is working really well it seems. As you suspected the problem is using enough power, we've got a toaster now, that helps.

Regards
Chris Birmingham (DOC)

Windmill still going well, I have seen output hitting the stops of the ammeter at 20amps in gusts, so maybe its actually producing more than 480W (in our 24V system)

Cheers
Peter (12/11/07 NZ)
(Chinese 300 improved by EcoInnovation)

Westpac Taranaki Chamber of Commerce Business Awards for 2007
EcoInnovation

Winner of the New Plymouth District Council Environmental Awareness
Award

Paul Field Area manager Westpac – event sponsor
Presented by Antony Wilson (General Manager Community Assets
NPDC – award sponsor



Energy Efficiency & Conservation Authority Energywise Award

Production Innovation Award

Westpac Taranaki Chamber of Commerce Business Awards for 2007
EcoInnovation

Winner of the CApENZ Engineering award

Paul Field Area manager Westpac – event sponsor
Presented by CApENZ – award sponsor
CApENZ - New Zealand's International Centre of Engineering
Excellence

TRC Environmental Award Winner 2007
15 May 2007
Taranaki Regional Council

Taranaki is well known for its clean green image and the quality of our environment is the envy of many other places. But this is not simply a matter of luck. Every year a lot of effort and millions of dollars are spent to protect and maintain the environment for our use and enjoyment.

Each year the Taranaki Regional Council recognises outstanding projects and activities that benefit our environment, and nine environmental awards were made at the Council's Ordinary Meeting on Wednesday 16 May.

The environmental awards presented this year were:

Business Category

EcoInnovation – for promoting energy efficiency and renewable energy systems.

Michael Lawley's business, EcoInnovation, specializes in renewable energy, energy efficiency, and energy consultancy in the domestic and light industrial market. The company markets a range of cost effective and environmentally friendly products. Their main products are small generators, built from recycled Fisher and Paykel Smart Drive motors, which harness renewable hydro and wind sources.

Hello Michael

Was great to meet you and your family in Raglan last weekend. Your knowledge and passion for a renewables future is awesome. Thank you for your enthusiasm and showing the people of Raglan what its all about

Kind Regard

Jodi Earwaker

Whaingaroa Environment centre Co-coordinator (26/10/07 NZ)

To Michael & Linda

We would like to express our thanks and appreciation for the hospitality and kindness you extended... We appreciated the nice meals and accommodation you provided, ***** thoroughly enjoyed the course, he thought it was very worthwhile. We are both looking forward to getting on with our project of building an off the grid house.

If ever you are in ***** please come and visit us. Thanks for everything.

Mr & Mrs Stupples (NZ 23/19/07)

Dear Michael,

Thank you so much for giving the Chilean students from El Colegio san Nicolas de Myra an experience of a lifetime.

They came away with a totally different perspective on ecological matters and the environment. They informed me that this was very

life-changing experience and one of the most important things they learnt from their time in our country.

Please accept my thanks, and our schools thanks, to all who were involved and who gave up their time to show them around, to explain and to make them feel so welcome.

In particular, would you yourself please accept my grateful thanks for your kindness and overwhelming generosity in giving of your time and expertise.

Kind regard
Margaret Atkinson
HOD Language Department
New Plymouth Boy's High School 16/10/07

Dear Michael,

I would like to thank you for you unique contribution and for your support of our TE Manawa Science Festival.

Our festival this year concerned itself with ENERGY; a broad subject that was wonderfully brought to life by your incredible light bulb interactive.....

I am extremely grateful to you for allowing us to borrow your interactive – it was greatly appreciated by Te Manawa and the visitors to the Science Festival.

Best wishes

Angela Handforth
Te Manawa
Palmerston North City Council
3/9/07

Hello Michael,

I just wanted to write and tell you that the weekend was very good value for me.

I just don't know where else one would get two nights accommodation, great home cooked meals, pick up from the airport, two full and stimulating days of course work and the company of good

hearted people all for \$400.00. What great value. I hope that you get lots of follow on business from it.

I was particularly impressed by the way your family support you in what you do. That was nice to see. Please thank them for me.

All the best and thank you for a stimulating weekend and generous hospitality.

Regards,

P Sullivan (NZ 15/10/07)

Thanks for your help and I really want to thank you for the great work you do and for your generous sharing of knowledge on the website and at various events.

Best wishes
Nandor (4/10/07)

Hi Micheal, we're loving the new system... it's great not having the drone of the gene in the background affecting the serenity of the place.

Cheers
Jeff
National Kakapo Team
Anchor Island (4/10/07 DOC)

Hi Michael

Wanted to say many thanks for your help and advice. Peter has the solar panels mounted on the roof and is just embarking on wiring all together.

Many thanks again.....Peter & Susan 20/9/07 NZ

Dear Michael Lawley.

Some 3 years ago I installed a Pelton wheel and a "1/7-core" Smart Drive that still generates without any problems whatsoever.

T Ragnarsson
Iceland

Hi Michael,

It is 3 years since we last corresponded. You will be glad to hear that the turbine I built using your plastic injection moulded Pelton buckets is still in very good condition and showing very little wear

Kind regards,

Arthur (Wales) .

Note to readers – We often get asked how long do they last is the field. Well we let our customers answer this question.

To give some feedback the customers are very happy with your product and they have performed reliably in the past several years since we started installing. The support documentation is the best that we have ever seen.

You are doing a great job (we have shut down a number of gasoline and/or diesel generators due to the install of your turbines).

Regards Paul Fletcher
Canada 15/8/07

Hi Michael

I am 16 and have a keen interest in the environment and RE systems.

I am keen to upgrade my set up. Your website is awesome- very informative and the EcoInnovation business is such a great business- A huge inspiration to me- Thank you.

Thanks very much for all your help with my RE project. You are definitely my first choice for parts and an excellent service



Regards John (4/8/07 NZ)

Hi,

I installed one of your older modified Chinese machines for a client.... and it has survived the storms of 12/13 July (180 km+ wind speeds) whereas several other machines in similar circumstances have not.

Thanks & Best Regards
Roland
Barrier Energy & Electronics

Hi,

I received the bearing holders this afternoon. Thanks for the service. They are really Heavy Duty.

Thanks,
Clark B 16/7/07 USA

Hi Michael & Linda,

Sorry this has taken a while, our phone line's been out of order since we were up at your place!

Just wanted to thank you both so much for opening your home and business to us at the open day the other weekend. I had ideas in my head of how it all goes together, but seeing it all in action was brilliant (especially the house design and integration).

Thanks so much once again, I'm really looking forward to living off the grid at our new house. You guys are an inspiration!

Cheers
Christie Means

Hi Mike,

Denise and I had a great time with you and your family during the recent course in June. Thank you to Linda and family.

Hope you are all well and that you have not had any trouble caused by the recent weather extremes!

Thank you- I know you are very busy.

Kindest regards,
Ben and Denise

Hi Michael,

First of all, thanks very much for a very enjoyable and informative weekend. We have come back to EECA with lots of enthusiasm for renewables and energy efficiency and I think you will have lots of interest from EECA in the October course.

Thanks again Michael,

Kind Regards,

Julia (EECA NZ 7 June 2007)

Hi Michael

Thanks for an excellent intro to alternative power generation. From what you and Ken have taught me I have come up with a 2 turbine system that at times can supply all power needs and at other times will rely on PV for the balance.

Garry (NZ June 6, 2007)

Hello Michael

Thanks for a great weekend. It's really boosted my enthusiasm and I now need to clear out a number of other projects and find time to get my act together and start promoting renewable energy around here.

I found the weekend really useful, seeing things working and finding out what is possible in a practical way!

Thanks too, to Linda, for the yummy meals and to Edward for his room. I did so enjoy staying and meeting your family.

Thanks again for a great weekend
Graeme (NZ June 5, 2007)

Hi Michael & Linda,

Just like to say thank you for hosting me on my eco stay earlier in the week. It was really enjoyable and informative and wish you all the best for the field days up in Hamilton.

Kind regards

Peter (NZ June 5, 2007)

Hello - Thanks very much for this. Having read the entire Q & A section on your website I'm amazed you found the time to deal with our situation. You and Linda share a lovely story.

God bless and thanks again.

Kia (21/5/07 NZ)

Michael,

Last year I installed 2 of your F and P micro hydros on friends properties in Comboyne NSW. (they are all ecstatic as they now have reliable power)

One was a complete unit supplied by you and the other I rewound a stator and built the unit with the Pelton Wheel kit.

Both systems are performing excellently and provide between 200 and 300 Watts continuously. I would be pleased to write a testimonial for your website.

Stuart Watson
COuntry Energy Telecomms Specialist
NSW Australia 21/5/07

Hi Michael

A quick update on the hydro - it is running like a dream!. We have had a couple of occasions that we have run the batteries down and the system has tripped out - but this has been a combination of sustained usage (ie heaps of clothes washing / dishwashing), and lower than average generation. As you predicted, it is when appliances are in use in combination with the water pump that the system will trip (so I will look at ways of reducing the pump load through either a "soft start" capacitor, or a pressure vessel, or both.)

Regards

Jason S (May 11, 2007 NZ)

Thanks Michael,

I appreciate the great service. I have just deposited \$ into your account.

Regards,
B Edhouse
24/4/07 NZ

Just a quick note to say thank you for addressing us on Saturday.

The pitch of your address was just right, and I know from comments during the day that it well received and that we all learned something from you.

It was a very worthwhile hour.

Regards

Eldon Peters
NZIA Western Branch Mini Conference
24/3/07

I appreciate your business Michael and the innovation that you are bringing the arena of kaitiakitanga (guardianship / responsibility).

Regards Pariri March 07

Hi Michael,

It is fair to say that your site is very environmentally friendly and a walk around the site proves your commitment to environmentally friendly practices.

Kind regards.

Richard Fitzpatrick (19/3/07)
Scientific Officer (State of the Environment Monitoring Management)
Taranaki Regional Council
(06) 765 7127

EcoInnovation and EcoInn Waste Minimisation Site Assessment March 2007

Waste minimisation practices

Packaging waste generated on the site, as a result of product delivery, is used whenever possible as packaging for EcoInnovation products.

A significant quantity of unwanted Smart Drives from Fisher and Paykel appliances are reworked and incorporated into electricity producing products.

The company manufactures products that generate electricity from renewable sources e.g. wind and water, which is in keeping with sustainable practices.

It is worth noting that the buildings on site are either wholly reused from other sources (e.g. storage containers), or a significant portion of the buildings are composed of reused materials e.g. timber.

Waste and minimisation practices even extend to double side business cards - EcoInnovation and EcoInn.

Have identified unwanted (furniture removals) wrapping that could be used to package EcoInnovation products.

Excellent segregation of recyclables. Plastic and glass bottles, aluminum and steel cans, paper and cardboard, packaging materials at segregated and furthermore into their constituent colors. All are stored

in large drums and transported to the Colson Road transfer station when circumstances allow.

Cardboard

Reused for packing EcoInnovation products or recycled.

Recyclables other than Cardboard

Scrap metal and steel, aluminum, copper and other metals of segregated into like types and transported to a scrap metal dealer when circumstances allow.

Energy

All energy is generated on site by wind or solar generators (also hydro but not noted) renewable sources. Water heating is aided by use of wetback in firebox.

Lighting

Energy efficient lighting used throughout the site and used to economical fashion.

Fridges and freezers

Switched off in EcoInn when not in use.

Installation

Both main house and accommodation lodge very well insulated.

Organic wastes

Food waste fed to animals on sites.

Call **Richard Fitzpatrick at the TRC to have your business assessed, so you can keep making improvements.**

State of the environment monitoring management
Taranaki Regional Council
47 Cloten Road
Stratford
New Zealand
Phone 0800 736 222

Michael, Ken and Linda

Many thanks for your sharing of your home, hospitality and knowledge.



Alexander and I had a great time, and are looking forward to applying some of your work for our family.

Bill and Alexander (NZ March 07)

Kia Ora Michael & Linda

Many thanks for your wonderful hospitality and the sharing of your valuable knowledge Michael and your wonderful muffins Linda.

We enjoyed every minute of our stay and will certainly be in contact in the next couple of weeks

Many thank again
Thornett, Doris and Agnes

Hi Michael,

Firstly just to let you know that our hydro is purring along perfectly!
The flow is dropping but we now have some solar to back it up.

During the winter we often have surplus power burning off into the atmosphere and would like to use that waste heat to keep our wardrobe/store room a bit drier as it is on the damp side of the house.

I note your web site continues to flourish with new ideas and products - you amaze me with your enthusiasm etc.!!!! keep up the good work!

Cheers
River

Hi Michael

Karen and I thoroughly enjoyed the RE course at your place and have been inspired to continue in our goal to be completely RE by 2010. The presentation went well at the BOP poly tech for the environment center, We had 90 people turn up!!!! Karen and I are still in shock!! Rose Webber mentioned that they would like one of your demonstrators for their office (the audience loved it).

Kind Regards Will and Karen
17/3/07 NZ

Hi Michael,
Thanks for the prompt action in sorting out the inverter problem.
Best Regards,
Lee Keown
2/2/07

Hi Mr Lawley,

Donna and John here. We live in Northland. We ordered a Pelton wheel from you not quite a year ago. We love it.

The purpose of this query is to approach you about giving a talk up here to interested folks regards alternative power.

Thanks very much,
Happy customers, Donna and John

Hi Michael

It has been about 9 weeks or so so I thought it time to give you some feedback. In that time we have seen some really high winds without any problems so far we remain very impressed with the performance, and with the combination of the wind and solar we haven't had to fire up the backup generator once. I have had 4 genuine enquiries from people at work and in the neighbourhood about our system and pointed them all in your direction.

Cheers
Steve 14/3/07 NZ
Smart 500 wind turbine and PV

Hi Michael,
The high voltage turbine that you sent around September 2005 has worked very excellently for winter heating (the stream is inadequate at other times).

All the best Len

22/2/07 UK

We all enjoyed the experience and have learnt a lot from being involved..... saying this it all would not have been possible without the involvement and assistance from yourself, which is very much appreciated.

Thank you again for your help and encouragement in this project.

Peter (Mainpower Feb 2007 – DOC hydro project)

Hi Michael,

I appreciate your prompt response and it is great to know somewhere in Australasia, someone cares and I wish I knew about you guys 12 months ago, when I bought this thing.

It doesn't surprise me that you are a NZ company offering such great service. I made nearly thirty trips to NZ in the past seven or eight years building my publishing software business and I am great fan of New Zealand and New Zealanders. You guys do what we Aussies did about thirty years ago, but have forgotten and that is do it properly and do it with a smile.

I will check out the web-site prices and I will have the shaft checked to see if my unit is wrecked and then I will get back to you.

(please note the wrecked turbine is not an EcoInnovation one, but one we are assisting the repair of)

Again, thanks.

Regards
Trevor

Hi Michael - firstly let me thank you for your amazing website - well laid out and very helpful! I have been keeping an eye on it over the past few years and it's always packed with interesting information.

I have had a lifelong interest in alternative energy with "tinkering" experience to date in solar(pv) solar (steam turbine), hydro & biogas generation.

Having a look around the web for ideas about where best to start, I am amazed at how often your f&p smartdrive system crops up - and always in very high regard - I read about your course a few years back, and now seems like the perfect time to attend and learn from the pro about how to engineer a system properly, and hopefully get some pointers from you on where you think I should spend my time & resources.

I note from the site that you are in Auckland in a month or so - so whether the course is on or not I would love the chance to catch up over a coffee.

Kind regards & thanks again,
Brendon (NZ 11/1/07)

Dear Sir,

I am a C E in Romania, working on design of water projects all my life (over 30 yrs experience), an a true admirer of your work.

Dan (Romania 11/1/07)

Hi again Michael,

We have just arrived back in Taiwan and I have got chance to send you a quick thank you note. We both really enjoyed our EcoStay and the batch. I learnt a great deal more about renewable energy and really appreciated being able to talk to you first hand. I really enjoyed your objective approach to all the options and it seemed to be you are more concerned about the correct design of a system rather than the commercial benefits to yourself - which is something I appreciate.

I have previously done a fair bit of reading about what other people are doing, but I have to say I felt our chance to chat with you changed some of my previous opinions/assumptions. In particular:

1. Hydro

2. Running the house on inverted 240v AC rather than a low voltage circuit.
3. 48v DC storage
4. Solar water heating

It was also good to chat about the motive for using renewable energy over grid power as that gave Trudi and I a chance to discuss the motives.

Thanks again,
Anton.

I have been meaning to check out the website ever since getting my hands on a copy of the August issue of the shed magazine. Its truly inspirational to see what you've done down there. I spent a couple of hours online last night reading a few of the pdfs that looked interesting.

Regards bob 28/12/06 NZ

Hi Michael,

You and your team are doing a great job of educating people and having renewable energy be a reality. Really inspiring!!!

Best Regards

Scott (NZ 2/1/07)

Turbine is still working a treat! So well in fact that we had to go out and get ourselves an electric convection oven to use the excess power!

Many thanks

Brendan 27/12/06 NZ).

I am really impressed with your free and open exchange of your knowledge for the benefit of all. Amazing in such an age.

Thank you for your help

Grahame S (20/12/06 NZ)

Hi Mike.

We recently bought a solar system through Reid Technology, you supplied hydro and control box for the PV and hydro with C40 x 2, without that we would have big problems, made life really easy, so thank you very much. Lucky we saw one of your hydro on TV news one night and found who made it. We specified your product, so thanks again.

Eddie and Sharon (NZ 16/1206)

Hi Michael,

I really am seriously impressed with the new windmill - the low speed generation capability is awesome - in what we would call a light wind (no way to quantify it yet) we are getting an easy 5-10 amps (comparable to the old windmill on full speed). Combined with the solar, we currently have excess capacity. The noise factor is also working well - when I can hear the new windmill start to whistle I know I am getting about 10 amps. The old windmill would just start to generate when it was screaming.

I will monitor the power over the next year to compare the 2 systems and check the seasonal variation.

Cheers

Steve Kirk (8/12/06 NZ)

Afternoon Michael,

We have swapped over the Smart 400 wind turbine with the new Chinese model and boy does it want to fly! Just as well she's bolted down well. Its neat to see bugger all wind spinning the blades. The generator seems to track the wind better than the other model. The Smart 400 would swing too far out of the wind with any small deviation in direction and stall the blades whereas this model remains more steady and even with the tail furling the blades keep spinning producing the goods.

Regards Neal 8/12/96 NZ

We certainly appreciate being able to work with good folk such as yourselves who are creative problem solvers and are happy to help us come up with a good solution to suit what we are trying to achieve!

Cheers

Bettina Anderson
Horizons Green Rig Project Manager
for Horizons Regional Council (5/12/06 NZ)

Dear Linda and Michael

It has been inspirational to be part of your energy – self –sufficient domain. Thank you for your helpful and easy going hospitality.

Best wishes

Michelle McCrea (4/12/06 Australia)

Hi Michael! Many thanks for your comprehensive reply to my enquiry - I was quite encouraged by it! Good you have been to Uganda & so have some insight into the low cost nature of these fledgling African economies. This is why I think those Chinese turbines, with your improvements, hold good potential here. Everyone I tell about them is enthusiastic with them as I have an established wind-related company here, which gives people the confidence we can deliver the goods/results they require. Your observations re micro-hydro are spot on & again, because of Uganda's current power crisis, are more relevant than ever.

In closing let me again offer my thanks for your help & advise. Will be in touch again soon. Hope you find the report of interest.

Kind regards - Mike Wicks (Kampala, Uganda 30/11/06).

Dear Mike,

Thank you very much for your time yesterday. I really enjoyed talking to you. I can tell you are an extremely intelligent person. I learned a lot from our short amount of time. I really respect the work you have done and are doing. Maybe I will contact you in ten years and we can talk again after I start my business. Thanks again.

Cheers,

Stephen Mannhard
November 23, 2006 USA

Thanks for your mail, I received order last week so all is in order.

Thank you once again and keep up the good work as we need more people like yourselves in this world if we are going to make any changes to the way governments and most people think as far as saving energy and the environment..

Cheer's and Thanks again

Paul

Hi Michael

Firstly - thanks for the course/weekend the other week - it was a really interesting and valuable weekend - I learned lots and appreciated your fine hospitality

Cheers

Jea

10/11/06 NZ

Hi Michael,

The mast and turbine look great! Thanks (and your team) for a fabulous job.

Regards

Andrew Slack
Palmerston North City Council 12/06

Dear Michael and crew,

Firstly and like to say that the workshop was the most stimulating weekend I have had in a very long time. I have been expousing it and your website to anyone who would listen.

Best Regards

Richard
5/11/06 NZ

Michael,

I very much appreciated your time and input yesterday into Venture Taranaki's Renewable Energy project. Your insight and knowledge has proved valuable in developing a concept that will hopefully now be achievable.

Rob 30/10/06
Venture Taranaki, New Plymouth

Hi Ecoinn,

We bought a Pelton wheel from you last year - its been great despite water limitations meaning we operate well below the desired range.

Regards, Alec Milne
Tuesday, October 24, 2006

Hi Michael

Thanks again for your very enjoyable course-you deserve a medal for putting up with us lot at home!

Regards

Alex

Tuesday, October 24, 2006

Thank you so much for your informative and polite reply to my enquiry, I will recommend your services to family and friends when they visit.

Sarah and Dave Hough

United Kingdom
October 11, 2006

My name is Michael Walmsley and I visited with a group from the University of Washington back in August. Firstly let me express my appreciation for making our visit to Eco-Innovation such a memorable experience. The students voted your place number 1 for the tour! Thank you again.

While visiting you showed us an evacuated tube solar water heater you were trialing from China. Here at the University of Waikato we are very interested in running some tests on one of these units. Do you have any more of these units available for purchase? If so how much? We would be happy to share the results with you if you are interested.

I look forward to hearing back from you.

Regards,
Dr Michael Walmsley
Dept Engineering
University of Waikato
11 October 2006

Hey Michael -
Thanks for fitting me in and I hope I wasn't too much of a bother to you. Ken is quite a character. I'll bet it never gets boring around there.

Thanks again, it was a great weekend. I really enjoy the application stuff.

Karl
11/10/06

Michael
Firstly many thanks to yourself, wife and family for hosting us at the weekend. - Not forgetting your co presenter Ken of course.
A thoroughly enjoyable experience with your enthusiasm, knowledge and dedication to your subject obvious and the logic of taking action in this direction compelling.
We will certainly be installing the Hydro and Solar options, hopefully by Christmas.

Regards Chris Gardiner 10/10/06

Hi Michael

Thanks for a great week end, I appreciated you down to earth approach to your subject and look forward to building up a full grid free power system over the next few months.

Thanks again and regards

Joe Poff

Monday, October 09, 2006

Hi Michael,

Turbine still performing fantastically.

Regards

Brendan Norris October 2, 2006

Hi Michael,

Just a quick note to let you know that the turbine, controller and other bits & pieces are all up and running.

The turbine is kicking out 7.9 Amps with the smallest jet possible! The pre-cut one you sent was just a tad too large for our current water flow as we have had little or no rain over the past month. However we have got 1150 Kpa, so I may have to swap out the pressure gauge since we have it pegged off the scale!

I haven't as yet done any optimization with packing out the rotor etc so hopefully will improve on the 7.9amps as well.

All the best

Brendan Norris

September 06 New Zealand

(note - unit was designed for 86 to 166 Watts for flows 0.3 to 0.6 l/s at 90m head. It was installed on more head than estimated by client and delivered 220 Watts – an excellent result for such low flows)

August 2006
Dear Michael.

Thank you very much for your support in the Science Fair.

We, along with the students learnt a great deal about Renewable Energy

With many thanks from the Education Team at Puke Ariki
New Plymouth District Council

28 June 2006

We have completed our review of your draft report titled "Pre-Feasibility Study of Glenn Road Weir and Hydro Power Station" and we confirm that Taranaki Regional Council is **very pleased** with the report

Peter Canvin
Consents Manager
Taranaki Regional Council
47 Cloten Road
Stratford
New Zealand
Phone 0800 736 222
June 2006

Dear EcoInnovation

On behalf on the NZ National Agricultural Fielddays, I would like to congratulate you on becoming an award recipient in the Innovation Centre 2006.

You have gained an energy efficiency award

Amie Wood
NZ National Fielddays

Extract of a News release from Industrial Research Limited



28 July 2006

Researchers at Industrial Research Ltd are backing the Parliamentary Commissioner for the Environment's comments promoting small wind turbines for homes, saying there is rising public enthusiasm for alternative energy sources such as wind generation.

Industrial Research's Christchurch-based researchers are currently evaluating the performance of small wind turbines, similar to the one identified by Dr Williams in his report.

"One turbine from China shows remarkably better performance than many of the others, simply because it is designed for much lighter wind conditions. Although this particular turbine is not suitable for mounting on a house roof, some of the newer designs certainly are," Mr Gardiner says.

(Note turbine referred to supplied/modified and sold by EcoInnovation)

Hi Michael,

All boxes arrived while I was on holiday. I got back on Monday last and now have my hydro plant up and running.

I am very impressed with your product and well pleased with the output I am getting.

Thank you kindly!

Regards

Rob. Tasman Energy, 24 May 2006, Tasmania.

Hi Michael,

Thanks for the Pelton kit. It was received OK and I must say I was pleasantly surprised by the completeness of the kit as far as the parts are concerned, as well, the instruction manuals and data are most comprehensive. Quite a professional kit. Congratulations.

Now all I have to do is put the bloody thing together.

Gilbert Wednesday, 24 May 2006, Australia

Speech in New Zealand Parliament 20 Jan 06

It is the innovations of research that have brought us all here today - with the installation of this mini-hydro scheme - a fine example of kiwi ingenuity, New Zealand designed and built.

It On behalf of the Department of Conservation, in particular those dedicated staff that spend their time living and working at this site, I would like to thank Mainpower, ECCA and **Kiwi Company EcoInnovation** for the contribution they have made to the future success of the Hurunui Mainland Island and all that it strives to achieve for biodiversity.

Mahara Okeroa - Associate Minister of Conservation NZ - Jan 06

At Waipoua, we installed a 350-W mini hydro system using **EcoInnovation's 'smart drive' generator** which produces 6-7 kWh per day. This requires a flow of only 2 litres per second and a 60-m head, and sources water from a tributary a kilometre away from the generation site. (Resource consent was required to take water from the stream.) The generator feeds three separate houses, powers two energy-efficient freezers, and excess power is used for a battery-charging station. Residents now have lighting and, with care, use TVs, radios, appliances, washing machines, and vacuum cleaners. We also installed a 720-W solar photovoltaic system with battery bank on the wharenui (1-5 kWh per day) which powers lights, appliances, and a 400-litre freezer. In addition, we installed six 120-W photovoltaic systems with batteries for individual households to use for lighting and appliances, and a 150-litre solar hot water (SHW) system for one household.

This research is funded by FRST. I acknowledge the support of NIWA staff Graeme Mackay, Steve Reid, Richard Gorman, Mike Carson, Barry Waugh, Rob Tasker, Taoho Patuawa, and Charlotte Severne. I also acknowledge the contribution of **Michael Lawley of EcoInnovation** and Grant Dunford of Negawatt Resources Ltd to this mahi. Above all, I acknowledge the enthusiasm, support, and manaakitangi of the Waihi and Waipoua communities. Tēnā rawa atu koutou katoa

Dr Guy Penny – NIWA December 2005

Hi Michael again,

Just to let you know how pleased we are with the low flow unit! i estimate we are saving about \$20 a week at the moment because of

it, so will soon recoup the outlay! I have found that I can leave the high flow stator connected to the rectifier and have put it in a plastic bag which sits on a plywood shelf which I had already installed below the rotor to stop water spray coming up from below. This makes it very easy to swap from one unit to the other - takes 10 -15 minutes. I'm still getting 3A but we need more rain!

I also reckon the ammeter is saving me heaps because I don't have to go down to the unit any more to see what's happening.

Your web site is GREAT - wished I'd found it before! I'm amazed at all the stuff you are working on.

Cheers and thanks

River (20 May 06 NZ)

Hi Michael,

Just letting you know how pleased we are with the new low flow unit. After that burst of heavy rain I put on the large unit which ran for about 11 days before the flow became too low for it, then I reverted to the new unit which has given us a steady 3.5A for the last 5 days (and long may it continue!) This is about half our required power so is a very welcome input meaning not much running of the generator.

So at present this is the set up:-

67.5 m head; 4.6 mm nozzle; 0.34 l/sec flow; 3.5 amps; 28 volts (or thereabouts).

$3.5 \times 28 \times 100 / 67.5 \times 0.34 \times 9.81 = 43.5\%$ including pipe losses at 98 watts

Cheers

River (NZ Tuesday, May 09, 2006)

Hello,

I've installed a small pelton wheel from ecoinnovation.co.nz with only about 35 m of head and 1l/s and I produce about 100 W charging 4 small batteries which is enough for me for lightning and computer and Hi-Fi and modem (I use it for working).It works really great for what I'm using it and didn't cost too much (about 1300 euros for everything (pelton, regulator,batteries,wire).It's also very easy to settle and even to build if you want to try !

Regards

Eric (France May 06)

Hi

I purchased your book late last year and found it very well written.

Thanks and regards

Joseph NZ (May 06)

Hi Michael

The hydro generator I got from you is still working great. But I've decided I'd like to have a spare shaft around, just in case. Or possibly a second complete unit (although I already have the spare motor).

Thanks,
Bruce USA (April 06)

(Note -This turbine has been running since November 03 – about 2.5 years without a problem)

Hi, I have just had installed one of your modified Chinese turbines. It seems very efficient and starts in very low wind conditions. I was hoping to use wind as my main energy source for charging the batteries.

Regards
Gavin Martin 18/4/06 NZ

Hi Michael

A follow-up note to an excellent workshop conducted a couple of weekends ago -thoroughly enjoyed the presentation from you and Ken and appreciated the behind-the-scenes-work of your hard working partner.

Keep up your interesting innovations.

Cheers



Mike (NZ – March 2006)

Hello Michael,

The Smart Drives have arrived and they look very nice,I did a few tests and it works well.

Thank you for the phase rectifiers.

I will get back to you in about a week to order the rest...

Regards.

Anton. Belgium March 06

This is Will from The US. You guys housed me (as you have so many others) and I got to be part of the Family in November 2003.

We went

to the beach and had a few hot-tubs and hikes and picnics. I had long hair,

and a Dutch couple came at the same time.

I don't know if you remember me, but I am excited to see your business is so

popular, and that the place is even more impressive. I mostly wanted to say

hello, but also to thank you so much for such an amazing visit. I have

decided that sustainable building and energy is what I would like to spend

the rest of my young life doing, so I plan on coming back through next year,

and staying for a spell. It looks like you have a sort of live-in course.

Genius, really.

Will USA March 06

Hi Michael,

I wanted to thank you for the fun weekend. The workshop was very interesting and informative. An extra thanks for accommodating Cheryl as well, that was very kind of you and Linda. Everything was

perfect and we couldn't enjoy a location more than your neat property and setting.

Mike (the hairy Canadian) March , 2006

Hi Michael,

Thanks for the course, very well done and great food, send my thanks to your wife.

I love the simplicity of it and the philosophy of recycling in this consumerism driven world.

You said you had a good contact for 50mm water pipe, can you let me know the companies name and contact details as I would like to get a 100m roll to install my new hydro system.

Thanks again and good luck for the future.

Gerry. Monday, March 06, 2006 – New Zealand

Dear Michael

Thanks for the weekend conference. Seems I have increased the number of questions, the more info I have. What I did take from the conference was not relying on my visual estimation to try to identify the head for the stream on my property. I will need to be a bit more scientific in measurement. This unfortunately won't occur till a little later on this year when I can get back over to Central America. So although, I wanted to utilise the Hydro/conference option, I obviously need to confirm the need for hydro. I'll touch base with you later in the year if that is okay with you.

Please thank Linda for the great food we had. Also, Ken did an excellent job of teaching.

Regards Tim March 6, 2006 – Central America

Dear Michael

All three boxes have arrived safely..... I am very pleased with the quality of the turbines and am looking forward to setting them up.

All the best, Bowen , March 06, 2006, Republic of Ireland

Dear Mike,

It was great thrill to be present at the installation of the new waterwheel and see the operation proceed so smoothly. Your basic design and construction is masterly and does great credit to your skills.... In addition to electricity it has the potential to generate immense levels of interest and pleasure... Long may it rotate... Congratulations. George Fuller (retired curator of Pukekura Park New Plymouth) 11/12/05 New Zealand

Hello Michael,
The order that you shipped me was finally delivered the other day. I am very pleased with the quality of the "Used" components. Thanks again for all your effort. I look forward to another shipment.
Randy (USA December 01, 2005)

Hi Michael
We have just returned from a very successful trip to commission the micro hydro.
The hut wiring etc took a while to change over, but the actual commissioning of the generator went very well. We used several different jet sizes and found the jets around the 6mm size to be the best output (while using under 3L/sec water). This was the amount of water that we knew the intake would be good for. Using these jets we were able to get approx 30V and 30.5A out of the generator. I am sure the Generation Section will be in touch to fill you in on the full details, but in the meantime I thought you may be interested to see these photos.

Hi Michael
Thanks for all your help over the last few months with the preparations for this job, it has certainly been a very interesting and rewarding job for myself and the younger staff at *****.
Regards Peter (NZ December 01, 2005)

Giddy Michael and Linda
Thank you for a wonderful day, it was absolutely fantastic looking around the place and talking with someone, who knows his stuff, thinks outside the square we live in, and still treats people as an equal Hope to see you both again and thank you again for a fantastic day! and also to add, what an awesome house!

Cheers Ken (NZ November 06, 2005)

Hi Michael

We have been delighted with the turbine which continues to perform well.

Last week some friends even went over to record a CD on renewable energy!! I

Have been singing your praises far and wide on my travels, including with

the climate change office

Cheers Justin (NZ 17/10/05)

Hi Michael

First, thanks for putting together such an informative and yet relaxing w/e - most enjoyable.

Thanks again to you and the team (not to forget Linda - the food was fantastic).

Best Regards

Craig (NZ 17/10/05)

Hi Michael

Thanks again for the hospitality - brilliant course and I am recommending it to all.

Best regards

Steve (NZ October 15, 2005)

Hi Michael

Thank you again for your competent help. We really appreciate it. After communicating with few micro-hydro supply candidates I keep telling people that as far as I am concerned, you are the most competent micro-hydro supplier in the world.

Dr. Tom (Australia October 13, 2005)

Hi Michael,

Hydro performing wonderfully - thanks!

River (NZ September 05)

Hi Michael

I'm very happy because the system is working very well. THANK YOU VERY MUCH FOR YOUR PRODUCT, which is to my point of view the best way to product electricity ecologically. Hope it's going to work years long like that

Best Regards
Eric (France 05)

Hi Michael,
Just to let you know what the demo unit was a great success at Field days, and many people were interested wanting to know more about where to get such units. Thanks for rushing it through for us before Field days,
Regards Joseph EECA (NZ 2005)

Hi Michael
I'm thoroughly impressed with your vision, engineering, and product. Your thorough research, testing, and use of the Smart Drive to make such an efficient and cost effective product is a wonderful thing. I'm probably not going to be up and running for the tail end of this winter, so it will be a long anxious wait for the rains next October. I'm absolutely thrilled with your product. I'm generating a huge amount of interest in micro hydro in general, and your hardware in particular. Again, many thanks
Regards Paul (Canada 2005)

Hi Michael
Fantastic news, and now I can bring you more - the water temp was 58deg when we got there Friday evening! We turned on inverter, fridge and lights (about 5) and the controller never dropped below 5 flashing lights all weekend on one jet! I forgot to borrow a meter but I would guess we are generating more now than on Monday, if only because the water jet is hitting the cups and coming almost straight out to the Perspex. If we find we do not need the other jet I might put in a packer washer since I remember we found it was running slightly slow. It seems we have no need/use for the other jet for now - until Luigi remembers how to connect up the house truck again! We're going to look around for low wattage heaters eg towel rail for sleepout - with range lit we don't need power into the water. Leaving one jet on made a huge difference to the whole house temperature when we arrived, so we are trying it again this week. I should say that Luigi and Alison are also delighted with it Have fun and take care
Cheers,Justin (NZ 2004)

Hallo Michael !

And it works! You know, for long time we communicate very intensive about a Pelton turbine. Last week I start the first test with your Hydro Pelton turbine. I am very happy, I produce 600Watt just as we calculate for about 1 year. When I finished all test's I will send you a picture from my system.

Best regards

Rudolf Sackl (Germany 2004)

Hi Michael

Sorry about the delay in getting back, I've been off-work for the last week and it's my only access to email. We assembled it the other day and put in the concrete base two days ago. I'm very impressed with the build quality. We connected up the turbine last week and it's flying. It's been putting out 7.5a at 25.4v about 190w. I'm delighted with it. I was wondering how much inverters cost in NZ? I'm looking for a 2.5 to 3KW sine wave inverter. Is it possible to get reconditioned ones? Please let me know.

Regards Rob (August 07, 2004 Ireland)

Hi Michael,

I wish to purchase some more blades from you. The blades work very well indeed, and are the quietest blades I have come across in 15 years! We have had several good storms come through here, and they have survived. How many can you fit into 2 cartons, and is this the best way to ship them.

Thanks. Glen (2004 Australia)

Hi.

The goods arrived today in excellent condition, I think it is safe to say that the quality of goods (and packing) is even better than expected and we had great expectations indeed. We will assemble and install it soon, the only problem is that due to unusual weather, the water supply is noticeably less than normal. Sorry to bother you about the invoice, of course there was an invoice in the package, the customs people just did not find it.

Best regards Thorhallur (July 03, 2004 Iceland)

Hi Michael

Good news it works. I am getting 4 rpm water wheel = 256 rpm at the smart drive shaft = 2.8A @ 50V into a 10AH lead acid battery. Looking at your graph it looks about right. It's a smashing unit when it's running and well worth the investment - thanks.

Regards Roy (Friday, July, 2004 Scotland)

Hello Michael,

We thought you would be interested to know that the water system is "up and running". The Pelton wheel is delivering exactly what you estimated it would after calculating the head and pressure etc. It is sending a constant 5.5amps into our battery bank and the dumper has been installed into the hot water cylinder. We have not had to run the motor at all and are able to use all the household appliances without restriction. This is especially pleasing as with the days short and overcast there is very little input from the solar panels. We have really appreciated your support and prompt responses to our questions. The success of the operation has been very exciting for us.

Thank you. Neville & Carole Frear July 30, 2004 New Zealand

ps. We would be very happy for you to refer or quote our setup

Hi Michael,

Just thought we'd catch up and let you know that we have a great power system going and were really pleased with it and the service you gave us. Were running the house and having plenty of hot water.

Merry Xmas and Happy New Year to you and your family

Daryl Ealders (New Zealand December 22,2003)

Hi Michael

I received this weekend the buckets. They look very nice. It's a very good job.

Regards Arnaud Luguet (France, November 2003)

Hi Michael

That's great, I think that if there had been a micro hydro on the market for \$1000 a year ago I would have bought it instead of trying to make my own. The truth is that I'm not very impressed with the competition; I called up ***** micro hydro and was told I could generate 80w from a \$4000 turbine, generator and housing set up. Instead, the smart drive with a small pelton cost less than \$300 and is generating 100w.

Brian Anderson (New Zealand, February 2003)

Hi Michael

I'm matching the predicted output of the non-permanent magnet ***** unit. The predicted watts for their permanent magnet unit is 94 with the numbers at my site, but those few extra watts certainly aren't worth another US\$1000 to me! So, based on the spreadsheet you sent a while back, power output is right on target. Needless to say I'm quite pleased. I think the biggest problem left to resolve is how to keep the water inlet at the spring free of leaves and silt for long periods of time. That has nothing to do with your unit, of course. So -- I'm happy, and I'd be happy to be a reference for any customers if you'd like.

Bruce Clagett (USA, November 2003)

Greetings again Michael

Firstly, thank you for the data on the SD's - I am very impressed! I had seen the graphs in the info that you sent to A, and am still trying to help him sort out the correct size for his runner. I am NOT an engineer, but I have a degree in Physics and have been dealing with the practical side of the required calculations for about the last 20 years. That's why I am impressed with your data - it is certainly very comprehensive

Thank you. Eric & Mary Sears (New Zealand, November 2003)

Thank you Michael

The report is great and we will be in touch with the next steps

Regards

Karl Browne

Scientific Officer 3/7/02

Taranaki Regional Council

47 Cloten Road

Stratford

New Zealand

Phone 0800 736 222

Dear Michael

The Council recognizes your experience in the design and construction of micro hydro power schemes through your involvement in local projects, and invites you to share your knowledge.

Yours faithfully

Peter Canvin
Consents Manager 23/5/02
Taranaki Regional Council
47 Cloten Road
Stratford
New Zealand
Phone 0800 736 222

You just can't please everyone...

Verbal Comment by Christ's College , Rolleston Avenue, Christchurch, NZ. In this case, Staff members failed to cancel an order for power monitors that resulted in goods being sent when they no longer required them.

"This school will never buy goods from you again" made by Lesley Milan and confirm by David King HOD physics. 11/08 NZ

EcoInnovation feels this is unjustified in light that they placed an order and failed to cancel it despite EcoInnovation leaving a message on their answer phone service that the goods were being dispatched.