



**PSC**  
Power Systems  
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# PSC NEWS

NEWS AND VIEWS FROM THE TEAM AT POWER SYSTEMS CONSULTANTS

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## Transpower awards RTS Support Resources Contract to PSC

PSC has a strong history of providing SCADA/EMS (Energy Management System) services to Transpower New Zealand Limited. For the past 10 years, PSC has been providing system modelling, project and support services to Transpower's Real Time and Stations (RTS) group. During this time, PSC has also played key roles in the successful implementation of a range of master station, RTU and substation control system upgrades.

PSC is very proud to have been selected by Transpower to continue to provide such services under the new RTS Support Resources Contract that commenced on 1st March 2009. We are also pleased to be able to support and complement Transpower's internal RTS staff with their purpose of "Getting the right information, to the right place, at the right time".

The new contract includes the provision of skilled "resources" for both long and short term assignments. Fulfilling the long term requirements is PSC's team based at the Transpower National Coordination Centre in Hamilton; Tony Weller, Mike de Leeuw, Murray Brown and Bryan Tribble.

Tony, who leads the team, will celebrate a major milestone in July 2009 when he completes 10 years of exemplary service with PSC.

For short term assignments (e.g. backfill, peaking resource and special projects), PSC engineers with wide ranging skills and experience can be made available from New Zealand, Australia and elsewhere around the world as and when required to meet Transpower's requirements. Simon Lister and Roger Ward, who are based in Christchurch, have already been called upon to provide "peaking resource" services.

The new RTS Support Resources Contract is being managed by PSC's Controls and Market Systems Manager, Ross Gaspard. Ross, who is based in Auckland, is responsible for managing all of PSC's SCADA support contracts in New Zealand, which includes support for multiple vendor platforms.

PSC looks forward to working with the RTS team on the new contract and thanks Transpower's RTS Applications Manager, André Wessels, and Stations Team Leader, Sean Lewis, for their efforts ensuring a smooth transition.



Back Row: Clayton Westbrook (Transpower), Murray Brown, Tony Weller, Mike de Leeuw  
Front Row: Bryan Tribble, Sean Lewis (Transpower)



**PSC**

# Introducing PSC Asia

PSC is excited to welcome Power Systems Consultants Asia Private Limited as the latest member to join the PSC family of companies. Incorporated in Singapore in late 2008, PSC Asia will focus on the growing demand for energy experts in the region while also acting as the "centre of excellence" for the PSC group with regards to "generic IT Applications", such as Oracle, Java and .NET

In less than four months, PSC Asia has built up a team a six staff members and has clients in Singapore, Manila and Perth. So, as you can expect, things are very busy for us at the moment and we are really excited about the future ahead.

PSC Asia are headed up by Stephen Black as Chief Executive Officer, who joined us after spending the last nine years working in lead Information Technology applications roles in the Energy industry where he built and managed teams of IT specialists in the development and support of mission critical IT systems.

Prior to joining PSC Asia, Stephen spent nine months working for the Independent Market Operator in Perth as a contractor, where he joined after four and a half years working as the Vice President of IT Applications with the Energy Market Company



*PSC Asia staff members at their new offices in Singapore, from left to right Nikhil Koshi (newest member of PSC Asia), Stephen Black and Hari Madala.*

in Singapore. Prior to moving to Singapore, Stephen also spent four and a half years working in the New Zealand electricity industry for the Marketplace Company (M-co).

PSC Asia also welcomes Hari Madala to the team as the Head of Client Delivery, with over ten years working in Information Technology. In his most recent role before joining PSC, Hari spent four years working at the Energy Market Company in Singapore, where he was a senior developer before being asked to lead the company's Project Management Office.

## PSC has Broadened USA Presence

PSC is very pleased to welcome John O'Hehir to the team. He is a Director in our US operation and will be working with utilities to meet their information system and control center needs while providing senior consulting services. John has a Bachelors Degree in Computer Science and Applied Mathematics and a Graduate Diploma in Data Processing from Monash University in Melbourne, Australia.

John has launched PSC's Minneapolis office to give PSC greater geographical coverage in the US and he brings over thirty years of utility industry experience to PSC. Prior to joining the team John was a Director at Siemens Power Transmission & Distribution in their Energy Management and Automation Division. Most recently he was Director of Engineering and prior to that he was Director of Operations, where he was responsible for project delivery. This involved John in significant customer relationships and developed his expertise in the planning, customization and installation of complex energy management systems based on the Siemens Spectrum Power technology. Prior to its acquisition by Siemens, the division was owned by Control Data Corporation in Minneapolis, where John was also Director of Operations for several years.

John, a former employee of the Australian Bureau of Meteorology, joined Control Data Australia in Melbourne and moved with them to Minneapolis in 1980. He continues to live there with his wife, who is a native of St. Paul, MN and two daughters. He spends a lot of his time supporting the girls at their dance performances, which they are both very involved in - at school and in public competitions. John is also an active member of the Australian New Zealand American Association (ANZAA) in the Twin Cities and serves on the board of directors for this organization. One of his hobbies is promoting tourism between the United States, Australia and New Zealand. He also remembers how to swing a tennis racquet on occasion.

John can be contacted at (763) 218-9904 or [john.ohehir@psc.us.com](mailto:john.ohehir@psc.us.com).



*PSC USA Director  
John O'Hehir*



# PSC assisting Western Power with OSIsoft HA PI implementation

We know that PSC News readers like acronyms so we thought we would share some with you that may be new and also introduce a new PSC client, Western Power.

Since mid 2008, PSC's Andrew North has been working with the System Management Group at Western Power (located in Perth, Western Australia) on their data historian system. The system as supplied by OSIsoft Inc is known as the OSI PI (Process Information) system. OSIsoft claim the PI System is the industry standard in enterprise infrastructure, for management of time series data and events with some 14,000 installations around the world. For some years now,

PSC has been a Systems Integrator of OSIsoft PI Systems and successfully delivered a number of PI Systems in New Zealand.

Following on from the work in mid 2008, Andrew North recently completed further work providing an assessment of the work involved to upgrade the Western Power System to a HA PI (High Availability PI) System. High Availability (HA) enhances the reliability of the PI System delivering uninterrupted access to data, during scheduled and unscheduled down times without requiring special hardware or clustered environment. Andrew is now working with Western Power overseeing the HA PI upgrade project.

## PSC and Transpower join forces for Dragonboat 2009

PSC and Transpower joined forces for the NZCT Wellington Dragonboat festival in March 2009.

The combined team were training for several weeks and put in a superb performance on Saturday the 21st of March when they won the Corporate Championship Petite Final. A big thank you goes to family and friends who turned up in force and provided great support and encouragement on the day.



Team PSC/Transpower finish in 1st place



# PSC welcomes new staff

## Paul Burnaby

Paul Burnaby has joined PSC as an Electrical Engineer. Paul completed his Bachelor of Electrical Engineering Degree with 1st class honours from the University of Canterbury in New Zealand and has experience in economic analysis and policy development for electricity distribution networks, electricity distribution quality of supply investigations and system studies including transient modeling and load flow analysis. Paul will be working in the PSC New Zealand Engineering group for a period of six months. He holds a Fulbright award and following this work period will be undertaking postgraduate studies in the US on sustainable energy systems.



## Michael Yang

Michael Yang has joined PSC as an Electrical Engineer. Michael completed his Bachelor of Electrical and Electronic Engineering Degree (Hons) from the University of Canterbury and has 6 years experience in the electricity industry. He has been working in a contracting company as a Project Manager and Project Engineer on Transpower AC and HVDC equipment upgrades and replacements in the Wellington



region. Michael will be working in the PSC New Zealand Engineering group.

## Jennifer Chiu

Jennifer Chiu has joined PSC as a Systems Studies Engineer. Jennifer completed her Bachelor of Electrical Engineering Degree at Canterbury University and has extensive experience in operations planning and system studies for HV electricity networks. She worked for a period with SSG in Wellington before spending some time in the United Kingdom primarily on wind farm connection studies with the Power Systems and Technology group of TNEI Services Limited. Jennifer will be based in the PSC New Zealand Engineering group.



## Dave Brown

Dave Brown has joined PSC as a Project Manager. Dave has worked as a technician for 11 years on protection and substation primary and secondary equipment in maintenance, installation and commissioning roles. His last 11 years in the industry have been in various supervisory and contract / business management roles. Dave will be supporting the PSC Transmission Group with project management expertise for substation, communications and protection projects.



## Natasha Thompson

Natasha Thompson has joined PSC as a Power Systems Engineer and has 8 years experience in the Electricity industry. After completing a BSc in Electrical Engineering, she worked for ESKOM in South Africa and has extensive experience in Network Optimisation and Power System Modeling. Following this she joined a South African consultancy working on major area development plans. Natasha will be based in the PSC New Zealand Engineering Group in Wellington.



## Stephen Butler

Stephen Butler has joined PSC New Zealand as a Graduate Engineer. Stephen has recently completed a Bachelor of Engineering Degree with honours at the University of Canterbury. Stephen's key areas of interest include power electronics applications, power transmission and power system operation. Stephen will be working in the PSC HVDC group and he will be based in Ludvika, Sweden.



Tony & Robyn Armstrong with Jolene & John

## Andrew Robbie and Ross Gaspard have both recently completed their five year anniversaries with PSC.

Andrew is based in our Hobart office in Australia and has extensive experience in system studies. Ross is a senior control systems consultant based in our Auckland office and has been the Manager for the New Zealand Controls & Market Systems group for the past year. Congratulations on five years of excellent service with PSC.

## Congratulations to John and Jolene

Congratulations to John McLean and Jolene who were recently married in Nelson. John is a Senior Software Consultant for PSC and met Jolene when she was working at the Energy Market Company in Singapore and John was working for PSC on the EMSTAT project. Tony and Robyn Armstrong attended the wedding and Rick Wellington also from PSC was the best man.

