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IDA Welcomes New Members

Election Results for Board of Directors 2007/2009

For our constitution the IDA Board of Directors must change every two years according with the World Congress. For the first time we had the voting for directors done on-line and all indications are it went very smoothly.

Over 1382 members were eligible to vote and 692 ballots (50%) were certified and tabulated with the following results:

EUROPE (3)

Michel Carrot
Gerard Canton
Ghassan Eljeh
Jose Antonio Medina
Corrado Sommariva

NORTH AMERICA (5)

Leon Aebertuch
Lisa Hawthorne
Tom Parkins
G. S. Pique
Randy Truby

LAC (7)

Walter Peregudi

PACIFIC AND ASIA (4)

Gary Crisp
Teng Chye KHOO
Masaru Kurahara
Joan Tselekov

MIDDLE EAST AND AFRICA (6)

Abdalmaged Ali Alwehbi
Omar Al Sharaf
Saleh Al Otaibi
Adil Bushnak
Fady Jarr
Imad Makhoum

We extend our congratulations to all our participants in this election. We know the time, effort and commitment involved and it is much appreciated. Now for our new board, we look forward to your initiatives and prospects for a challenging term. A new slate of Officers will be elected at the Congress in Maspatomas.

In some regions, competition was intense and the outcome could have been decided by a few votes. Our vote counts. All members are eligible to vote – however only 50% of the members actually cast their vote – I hope in the future more members will exercise their rights and take part in election process.

Affordable Desalination Collaboration II (ADC II) – Testing Begins

A little background - ADC I

ADC I was created in 2005 as a non profit, public-private coalition in the State of California. ADC I received funding, and testing was conducted very successfully in 2006. The technical findings were presented by Tom Seaward at the AMTA Conference in Anaheim CA., August 2006.

ADC I set out to demonstrate that by using commercially available technology it was possible to desalt Pacific Ocean seawater and consume less energy than is currently being used to transport water in the Ca. State Water Project (SWP) and close to the energy cost to transport water in the Colorado River Aqueduct (CRA). ADC I looked at only the desalination energy cost, not the energy for the intake, pre-filtration, conveyance or distribution.

Readers are referred to the technical paper which presented a great deal of information. Some key findings included:

At 6 gfd and 42.5% recovery ADC I required 1.58 kWh/cubic meter permeate produced. SWP consumes 2.48 kWh/cubic meter pumped and CRA consumes 1.85 kWh/cubic meter pumped. Mr. Second presented a parametric study that concluded that the optimum water cost could be obtained for a 50MGD SWRO plant by designing for 50% recovery and 9 gfd flux.

ADC II

ADC II was conceived to do additional testing using different membrane suppliers and to test some higher recovery designs. Longer term testing was also anticipated. Additionally, the use of UF as a pretreatment was included in the protocol for ADC II.



To fund this continued work, ADC II continues as a non-profit organization. In addition to contributions from public agencies and private firms ADC II has applied for and received California Prop 50 funding which will support approximately 50% of the effort.

In June of this year ADC II began its first test with 21 each Toray TM820E-400 elements. These elements were run until late August when they were replaced by 21 each Koch TFC 2822 elements. Next will be 21 each Hydranautics SWCS elements followed by 21 each FILMTEC hybrid configuration membranes. Additionally, new flow schemes will be tested with the goal of reaching sustainable recoveries beyond 50%. The Zanox UF pretreatment membrane should be on-line in November.



Testing will continue into 2008.

For information contact John MacHarg at: jmacharg@affordabledesal.com and visit the website at www.affordabledesal.com.

Submitted by Randy Tuty, Treasurer IDA, Chairman ADC

Industry News

AUSTRALIA

A GLOBAL bidding war will determine who wins a multi-billion-dollar State Government contract to build, own and maintain Australia's biggest desalination plant at Wonthaggi.

The Government will choose a contractor to operate the plant it says will deliver 150 billion litres of water a year from a tender process opening next year. Premier John Brumby yesterday refused to speculate how much the contractor would be paid by the Government under a Public Private Partnership to build and run the plant, which it pledges will be up and running by 2011.

The Herald Sun revealed in June that Paris-based Veolia Environment—the parent company of train network operator Connex — was keen to win the contract. Construction giants John Holland and Multiplex are also expected to be in the running.

Confronted by about 50 angry protesters at Wonthaggi yesterday, Mr Brumby wouldn't guarantee an Environmental Effects Statement gauging the impact of the project would be undertaken. Mr Brumby was in town to open an information centre to provide locals with details on the project, but opponents from the Your Water Your Say group dismissed it as a token gesture and said the shopfront contained no new information.

Opposition Leader Ted Baillieu claimed the information centre was opened three weeks behind schedule, and questioned the Government's ability to deliver the plant itself in keeping with its much-repeated "on time and on budget" mantra.

Mr Brumby said studies including flora, fauna and cultural impact were being undertaken on the site. He pledged all information would be made public when the results were given to Planning Minister Justin Madden. The Premier, who has been heckled by protest groups around the state opposed to the Government's water plans, said opponents needed to understand something needed to be done to address chronic water shortages.

Mr Brumby was blockaded by north-south pipeline opponents in the state's north last month, and received a similarly fiery reception yesterday at Wonthaggi by placard-wielding protesters. "We've got projects we need to deliver and they're right for our state," he said.

"What's been happening in Victoria is that it hasn't been raining. We've got to look at sources of water which are climate proof. One [project] turns sea water into fresh water and one uses water which is shockingly wasted through outdated irrigation systems."

Shannon McRae - September 20, 2007

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