6. References

[1]. Lavine M., Gadgil A., Meyers S., Sathaye J., Stafurik J., Wilbanks T., “Energy efficiency, developing nations and Eastern Europe: A report to the US working group on global energy efficiency”, International Institute for energy conservation, Washington DC, 10005 Leamoore Lane, #100, Vienna, VA 22181, USA, Tel: (+1) 703 281 7263, Fax: (+1) 703 938 5153, June 1991.


Regulator, Development Trust Chambers, Meiring Naude Road, Persequor Park, 1 Quinton Brand Street, Pretoria, November 2001.


[16]. Creamer M., “Eskom reverts back to its core business, with new vision of ‘together building the power base for sustainable growth and development’”, Engineering News, Tel: (+1) 212 904 2594, Volume 28 no 18, p 49-51, 19 May 2006.


[26]. Eskom, “Eskom NEWS”, page 2, Eskom, P.O. Box 1091 Johannesburg, May 2003.


[38]. Delport G.J., Lane I.E, “Electricity cost management in mining”, Power Engineering Journal, IEEE, Tel: (+1) 732 981 0060, Tel: (+1) 800 701 4333, Fax: (+1) 732 981 9667, Vol. 10, No. 4, pp 169-175, 1996.


[43]. "Preliminary energy outlook for South Africa", Energy Research Institute, Dept of Mechanical Engineering, University of Cape Town, Private Bag, Rondebosch 7701, Tel: (+27) 21 650 4555/2128, Fax: (+27) 21 650 3736, October 2001.


[45]. National Energy Regulator, “An Integrated Electricity Outlook for South Africa”, National Electricity Regulator, PO Box 40343, Arcadia, 0007, Republic of South Africa, 4600, 2002. (Document was only available for a few months until April 2002, for public discussion and planning).


[51]. “Eskom proposed amendment of standard prices: Promulgation of structural
tariff adjustment for large and small power users, Notice of 1969 of 2001”,
Government Gazette, Government Printer, Bosman Street, Private Bag X85,

[52]. Eskom - Urban Tariffs – Megaflex, Available online:

Africa”, GRID-Arendal, Postboks 183, N-4802 Arendal, Norway Tel: (+47)
4764 4555, Fax: (+47) 3703 5050, Available online:
Chapter 6 – References


[60]. “What is an ESCO”, NAESCO, 1615 M Street, NW, Suite 800, Washington DC, 20036, USA, Website: www.naesco.org, June 2000.

[61]. “ESCO”, NAESCO, 1615 M Street, NW, Suite 800, Washington DC, 20036, USA, E-mail: info@naesco.org, Available online: http://www.naesco.org/about/esco.htm, February 2006.


[68]. Lace W., “Kloof – Africa’s hydropower power house”, Mining Weekly, PO Box 75316, Garden View, South Africa, 2047, Tel: (+27) 11 622 3744, Fax: (+27) 11 622 9350, Vol. 8, No. 4, p. 2–3, February 2002.


[73]. IST Otokon (PTY) LTD, PO Box 95355, Waterkloof, Pretoria, 0145, Tel: (012) 426-7200, Fax: (012) 348 9472, Website: http://www.ist.co.za/Default.asp.
Chapter 6 - References

[74]. H2ONET Scheduler, Manufacturer: MWH Soft Inc., 300 North Lake Avenue, Suite 1200, Pasadena, CA 91101 USA, Tel: 626-568-6869, Fax: 626-568-6870, E-Mail: mwhsoft@mwhsoft.com, Website: http://www.mwhsoft.com/.

[75]. MISER-PS Pump Scheduling, Manufacturer: Tynemarch Systems Engineering, Crossways House, 54-60 South Street, Dorking, Surrey, RH4 HQ, United Kingdom, Tel. 01306 742772, Fax. 01306 742276, Website: http://www.tynemarch.co.uk/index.html.

[76]. Derceto 3.0 Optimiser, Manufacturer: Derceto Inc., One Embarcadero Centre, Suite 500, San Francisco, CA94111, Phone: (+1) 415 646 8960, Fax: (+1) 415 433 5994, Website: http://www.derceto.com/.

[77]. RTP ControlTM, Manufacturer: Honeywell Inc., 101 Columbia Road, Morristown, NJ 07962, Tel: (+97) 3455 2000, Fax: (973) 455-4807, Website: http://hpsweb.honeywell.com/Cultures/en-US/default.htm.

[78]. "DTPS G2", Manufacturer: Panasonic Industrial, Factory Solutions Europe, Winsbergring 15, 22525 Hamburg, Germany, Tel: (+49) 4085 386370, Website: http://www.panasonic-industrial.com/.

[79]. "Flownex", Manufacturer: M-Tech Industrial (Pty) Ltd, PO Box 19855, Noordrug 2522, South Africa, Tel: (+27) 18 297 0326/7, Fax: (+27) 18 297 0318, Website: http://www.mtechindustrial.com/.

[81]. “TAS Online”, Manufacturer: Technical Application Software, Lancaster Gate, 1st Floor, corner of William Nicol Drive & Jan Smuts Avenue, Hyde Park, Gauteng, South Africa, P.O. Box 411203, Craighall, 2024, Johannesburg, South Africa, Tel: (+27) 11 325-0681, Fax: (+27) 11 325-0488, Email: sales@tasonline.co.za, Website: http://www.tasonline.co.za/index.htm.


[84]. “Mine Toolbox”, Manufacturer: TEMM International (Pty) Ltd., P.O.Box 2156, Faerie Glen, 0043, South Africa, Tel: 012 809 1076/0653, Fax: 012 809 0527.

[85]. “Adroit”, Manufacturer: Adroit Technologies, PO Box 2904, Fourways, 2055, South Africa, Tel: (+27) 11 658 8100, Fax: (+27) 11 658 8101.

[86]. “Intouch”, Manufacturer: Invensys Wonderware, 26561 Rancho Parkway South, Lake Forest, CA 92630 U.S.A., Tel: (+9) 49 727 3200, Fax: (+9) 49 727 3270, Website: http://us.wonderware.com/.

[87]. “WinCC”, Manufacturer: Siemens Simatic, Dubai Internet City, Siemens Building P.O.Box 2154, Dubai.


[92]. Van der Bijl L.J., General Manager of Ezelweni mine, Simmer and Jack. Date of discussion: 16 October 2006.


[95]. De Kock N., “Implementation of real time energy management on old gold mines”, Thesis is presented in partial fulfilment of the requirements for the degree of Master in Engineering, North-West University, Faculty of Engineering, Tel: (+27) 18 299 4020, Fax: (+27) 18 299-4450, 2006.


[100]. “Picture of computer server”, Orbit Micro, 1302 Exchange Dr. Suite #100, Richardson, TX 75081 Website: http://www.orbitmicro.com/.


[102]. Rautenbach J.W. “Reducing the electricity cost of a Three-Pipe Water Pumping System – a case study using software”, Thesis is presented in partial fulfilment of the requirements for the degree of Master in Engineering, North-West University, Faculty of Engineering, Tel: (+27) 18 299 4020, Fax: (+27) 18 299-4450, 2004.


[104]. “MultiSmart Pump Controller”, Manufacturer: Multitrode, Brisbane Technology Park, 18 Brandl Street, Eight Mile Plains Qld 4113, Mailing Address: PO Box 4633, Eight Mile Plains Qld 4113, Australia, Tel: +61 7
3340 7000, Fax: +61 7 3340 7077, Product information webpage: http://www.multitrode.com/products/MultiSmart/overview.cfm.


