Monenco Iran Consulting Engineers

Name: Elham

Last name: Sadeghian

Present Position: Administration Deputy, Monenco Iran consulting Engineers, Tehran, Iran

Education:

1999	M.S. Electrical (Power) Engineer, KNT University, Tehran, Iran Project : "Direct Torque control of Induction Motor"
1995	B.S. Electronic Engineer, Bahonar University, Kerman, Iran Project : "designing of digital flowmeter"

Work Experience:

- Monenco Iran consulting Engineers, Administration Deputy,2010-Present
- Monenco Iran consulting Engineers, Productivity& quality Management,.2007-2010
- Electric Power Research Center, Head of Electric Dept., 2006-2007.
- Electric Power Research Center, Engineer and Project Manager, 1999-2006.

Projects:

Reduction of energy consumption in electrical auxiliary system of steam power plants (case study in NEKA steam power plant)

National and optimal model for electrical auxiliary system of steam power plants

Technical and economical evaluation of different flow control methods of steam power plant

Implementation of a system for gathering, saving and analysis of a power plant Information by means of PDA.

Diversity Management in flow variation equipments of power plants' electro pumps and fans

Implementation of system for collection of log sheets and data analysis by means of PDA for unit 1 of Ramin power plant

Design and manufacturing of high Pressure controllable valve for power plant application

Plan of industrial automation workshop.

Plan of power plant electric laboratories

Computer Background:

Visual Basic, Matlab, PLC S7, ETAP.

Paper Publication:

Elham Sadeghian, Behrooz Nkhkoob, " Implementation of a system for gathering, saving and analysis of a power plant Information by means of PDA"; 19th PSD, Tehran, 2004.

Elham Sadeghian, Reza Hosseini, George B. Gharehpetian; "Evaluation of flow variation equipments of power plants' electro pumps and fans, and suggestion of adjustable speed drives for energy saving"; 3rd conference on quality & productivity in Electric Industry; Tehran, 2002.

E. Sadeghian, A. Dindar, G.B. Gharehpetian, "Performance and Energy Consumption Evaluation of Power Plant Pumps with Different Flow Control Methods", Bargh journal of Electrical science and Technology, Vol. 14, No. 2, oct. 2001, pp. 49-60.

R. Barati, G.B. Gharehpetian, E. Sadeghian S. Soroushian, A. H. Miragha, "Suggestion for Reduction of Energy Consumption in Auxiliary Service System of Steam Power Plants and Their Evaluation for Neka Power Plant"; Bargh journal of Electrical science and Technology, Vol. 13, No. 2, Feb. 2001, pp. 1-14.

A. Afshar, A. Khaki Sedigh, E. Sadeghian, " suggestion of a new method for reduction of ripple current in DTC (Direct Torque Control)" ; 8th electrical engineering conference, Esfahan, 2000