



Resume



First name: Mohsen

Last name: Gitizadeh

Academic title: Professor

Area of Specialty: Energy management, FACTS devices, voltage stability operation and control of power systems.

Areas of Interest: Renewable energies, smart grids, optimization of power systems

Projects & Research Activities:

No.	Title of Project	Responsibility	Place of Work	Dates	
				From	To
1	Economical and practical analysis of direct load control methods in Fars Regional Electric Company customers	Co-Investigator	Fars Regional Electric Company (FREC)	2000	2001
2	Voltage enhancement, loss reduction and reactive power correction in Fars Regional Electric Company using fuzzy approach	Chief-Investigator	Fars Regional Electric Company	2002	2003
3	Evaluation of existing air conditioning system and proposing procedures and optimized electrical energy consumption models for cooling applications in Bushehr	Co-Investigator	Fars Regional Electric Company	2004	2005
4	Harmonic problems prediction from customer capacitor additions for demand side management	Chief-Investigator	Fars Regional Electric Company	2006	2007
5	Energy audit in Hafez tile factory	Co-Investigator	Iran Energy Efficiency Organization	2002	2003
6	Preparation of a database for energy management of industrial customers	Chief-Investigator	Fars Regional Electric Company	2001	2002
7	Preparation of tender documents purchased 500 thousand CFL Technical Information	Chief-Investigator	Fars Regional Electric Company	2002	2003
8	Statistical studies for evaluation of energy consumption reduction through the distribution of CFL among the subscribers	Chief-Investigator	Fars Regional Electric Company	2003	2004
9	Energy audit in building of Fars Regional Electric Company	Co-Investigator	Iran Energy Efficiency Organization	2003	2004
10	Supervisor of distribution companies covered by FREC in demand side management projects	Supervisor	Fars Regional Electric Company	2001	2004
11	Energy audit in building of Pars Hotel in shiraz	Chief-Investigator	Fars Regional Electric Company	2003	2004

No.	Title of Project	Responsibility	Place of Work	Dates	
				From	To
12	Supervisor of distribution companies covered by FREC in demand side management projects	Supervisor	Fars Regional Electric Company	2001	2004
13	Planning of southern transmission and sub-transmission networks covered by FREC using DIgSILENT software	Chief-Investigator	Fars Regional Electric Company	2005	2006
14	Allocation of TCSC and SVC Using Multi-Objective Genetic Algorithm (MOGA) Approach for Operation Enhancement in Fars Regional Electric Company	Chief-Investigator	Shiraz University of Technology	2010	2012
15	Calculation of electric field at the border of bounds in Iran transmission lines to find discount strategies for existing bounds	Chief-Investigator	Shiraz University of Technology	2011	2013
16	Technical and economic studies of high capacity conductors for using in FREC transmission lines	Researcher	Shiraz University of Technology	2011	2013
17	Pre-audit and energy audit in newly built and existing office buildings of Shiraz electric distribution company	Chief-Investigator	Shiraz University of Technology	2011	2013
18	Lunching a laboratory for power system analysis and a center for power system study	Chief-Investigator	Shiraz University of Technology	2009	2013
19	Establishment of Power Systems Studies Center at Shiraz University of Technology with power quality measuring devices including ION, PQA823 and B851	Chief-Investigator	Shiraz University of Technology	2009	2013
20	Security constrained reactive power planning with goal of power losses reduction, improvement of network stability and releasing network capacity (Fars Regional Electric Company)	Chief-Investigator	Shiraz University of Technology	2011	2015
21	Optimizing energy consumption through optimal selection and direct control of irrigation pumps in agricultural subscribers	Chief-Investigator	Shiraz University of Technology	2013	2015
22	Location of Fault Current Limiter in Fars Regional Electricity Company	Chief-Investigator	Shiraz University of Technology	2016	2017

23	Energy audit in buildings of Fars regional electric company.	Chief- Investigator	Shiraz University of Technology	2017	2018
24	Estimation of different blocks of losses at Kohkilouyeh and Boyer Ahmad Power Distribution Company	Chief- Investigator	Shiraz University of Technology	2018	2019
25	Determine solutions for reactor operation at light loads to prevent the ferro-resonance phenomenon	Chief- Investigator	Shiraz University of Technology	2018	2019
30	Technical and economic study of new peak reduction opportunities in Fars Regional Electricity Network	Chief- Investigator	Shiraz University of Technology	2019	2019