



Faramarz Ghelichi

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Monenco Iran



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Education:

B.S Degree in Electrical (Power) Engineering, 1990, Mashhad University - Iran

Present Position:

Deputy of Infrastructure

Professional Experiences:

- _ **Monenco Iran** Consulting Engineers Co, Transmission & Dispatching Deputy Manager, 2007 to Present.
- _ **Monenco Iran** Consulting Engineers Co, Transmission Lines & Distribution Networks Department Manager, 2001- 2007.
- _ **Monenco Iran** Consulting Engineers Co, Project Manager, 1999-2001.
- _ **Monenco Iran** Consulting Engineers Co, Project Technical Engineer and Designer, 1997-1999.
- _ **Moshanir** Power Consulting Engineers Co, Site Manager of Khuzestan Water & Power Authority (KWPA),1994-1997.
- _ **Moshanir** Power Consulting Engineers Co, Site Manager of Iran Power Company (IPC) and Bakhtar Regional Electric Company (BREC), 1993.
- _ **Moshanir** Power Consulting Engineers Co, Project Technical Engineer, 1992.
- _ **Iranian Army Organization**, Project Engineer and Superintendent for Electrical Industry Projects, 1990 -1992.

Expertise Fields:

- _ Transmission Lines and HV Sub-Stations Analysis and Designer.
- _ Insulation coordination.

Skills:

- _ Developing up to :
 - 36 modules Transmission Lines Design, including DTLP software.
DTLP: Design Transmission Lines Program.
 - 8 modules in sub-station design including SCAD software.
SCAD: Sub-station Computer Aided Design.
 - Designing and Analyzing Transmission networks with software, i.e. BPA, DTLP, and SCAD.

PAPER PUBLICATION:

- 1- **F.GHELICHI, S.KHALAJ;**"Decreasing the second order right of way of transmission lines"; 2nd Seminar On Power Transmission Lines ; 4th Seminar On Power Transmission Lines , Feb. 2003.
- 2- **F.GHELICHI, S.NOURIZADEH, S.KHALAJ;**" Optical Ground Wire; design and operation"; Accepted in Dec. 2008, Journal of Electric Industry.
- 3- **F.GHELICHI, S.NOURIZADEH;**" High speed electric railway development all around the world"; Accepted in May. 2008, Journal of Transportation & Development.
- 4- **F.GHELICHI, S.NOURIZADEH;**"Application of high capacity conductors for power system reliability enhancement", 23rd Power System Conference / PSC 2008.
- 5- **S.NOURIZADEH, F.GHELICHI, S.KHALAJ ;**"Analyzing Tower footing resistance effects on transmission lines insulation coordination " ; 10th Seminar On Power Transmission Lines & The 7th Seminar On Insulators , Feb .2009.
- 6- **F.GHELICHI, S.NOURIZADEH, S.KHALAJ ;**"LiDAR applications for the existing transmission lines; sag monitoring " ; 10th Seminar On Power Transmission Lines & The 7th Seminar On Insulators , Feb .2009.
- 7- **S.NOURIZADEH, F.GHELICHI, S.KHALAJ, P.REZAEI;**" Transmission line De-Icing and Anti-Icing " ; 10th Seminar On Power Transmission Lines & The 7th Seminar On Insulators , Feb .2009.

- 8- S.NOURIZADEH, **F.GHELICHI**, S.KHALAJ, P.REZAEI;"Multiple Circuit transmission lines back flash over analysis " ; 10th Seminar On Power Transmission Lines & The 7th Seminar On Insulators , Feb .2009.
- 9- S.NOURIZADEH, **F.GHELICHI**, S.KHALAJ ;" Analyzing Tower footing resistance effects on transmission lines back flash over" ; 10th Seminar On Power Transmission Lines & The 7th Seminar On Insulators , Feb. 2009.
- 10- S.NOURIZADEH, **F.GHELICHI**, S.KHALAJ " Comparison of HVDC and HVAC for power transmission " ; 10th Seminar On Power Transmission Lines & The 7th Seminar On Insulators , Feb. 2009.
- 11- **F.GHELICHI**, H.JAVADI, A.MOBARHANI ;" Voltage gradient in porcelain insulators" ; 10th Seminar On Power Transmission Lines & The 7th Seminar On Insulators , Feb. 2009.
- 12- M.FATAHPOUR, **F.GHELICHI** ;"Mechanical Load Limiters for Transmission Lines " ; 10th Seminar On Power Transmission Lines & The 7th Seminar On Insulators , Feb. 2009.
- 13- I.BANIMOSTAFA ARAB, **F.GHELICHI**, M.ABDOLHOSSEINPOUR;" Transmission line design loading, upgrading the current practice" ; 10th Seminar On Power Transmission Lines & The 7th Seminar On Insulators , Feb. 2009.
- 14- S.NOURIZADEH, **F.GHELICHI**, S.KHALAJ ;" Dynamic Ratings of transmission lines" ; 11th Seminar On Power Transmission Lines & The 8th Seminar On Insulators , Feb. 2010.
- 15- A.MAANI ,**F.GHELICHI**, A.M.RANJBAR ;" Transmission line transposition effects on voltage imbalance"; 11th Seminar On Power Transmission Lines & The 8th Seminar On Insulators , Feb. 2010.
- 16- A.MAANI, **F.GHELICHI**, S.KHALAJ, M.ROUSTAEI ;"Analyzing the least required current for transmission line De-Icing and Anti-Icing"; 11th Seminar On Power Transmission Lines & The 8th Seminar On Insulators , Feb. 2010.
- 17- M.H.MEHDINIA, **F.GHELICHI**;" Automatic Sag mitigation in Transmission Lines " ; 11th Seminar on Power Transmission Lines & The 8th Seminar On Insulators, Feb. 2010.
- 18- D.MORADI, **F.GHELICHI**, S.KHALAJ;" Sample Test improvement of Composite Insulators " ; 11th Seminar On Power Transmission Lines & The 8th Seminar On Insulators , Feb. 2010.

- 19- A.MAANI, **F.GHELICHI**, S.HABIBZADEH ;" Analyzing Tower structure effects on electrical fields of transmission lines"; 11th Seminar On Power Transmission Lines & The 8th Seminar On Insulators , Feb. 2010.
- 20- S.NOURIZADEH, **F.GHELICHI**, A.RAHMANI;"Emergency repair system for transmission lines"; 11th Seminar On Power Transmission Lines & The 8th Seminar On Insulators, Feb. 2010.
- 21- S.KHALAJ, **F.GHELICHI**, A.TAHERINIA;"Improve power quality by using proportion equipment"; Kuwait Electricity Conference & Exhibition, March 2010.
- 22- S.KHALAJ, **F.GHELICHI**, M.FATAHPOUR;" Huge Tubular Tower"; Kuwait Electricity Conference & Exhibition, March 2010.
- 23- S.KHALAJ, **F.GHELICHI**, A.MAANI, M.BAHADORI;" Measurement Units Optimal placement in atomized electricity distribution networks"; 15th Electrical Power Distribution Conference / EPDC 15, April 2010.
- 24- S.KHALAJ, **F.GHELICHI**, A.MAANI;" Economic Evaluation of low power lamps"; 15th Electrical Power Distribution Conference / EPDC 15, April 2010.
- 25- **F.GHELICHI**, A.MAANI;" Reverse engineering for analyzing the most critical equipment from reliability point of view "; 15th Electrical Power Distribution Conference / EPDC 15, April 2010.
- 26- **F.GHELICHI**, A.MAANI, A.M.RANJBAR;" Loss valuation in electricity distribution networks"; 15th Electrical Power Distribution Conference / EPDC 15th April 2010.
- 27- **F.GHELICHI**, S.KHALAJ, A.MAANI;"Distribution Networks Critical Components Detection in Reliability Viewpoint", 1st Iranian Conference on Smart Grid, Oct. 2010.
- 28- S.KHALAJ, **F.GHELICHI**, A.MAANI;"Distributed Generation Penetration Level Influence on Distribution Networks Loss Cost"; IEEE International Energy Conference & Exhibition, December 2010.