













- [14] C. Shao, M. Shahidehpour, X. Wang, B. Wang, "An MILP-based Optimal Power Flow in Multi-Carrier Energy Systems," *IEEE Trans. on Sustainable Energy*, Vol. 8, No.1, pp. 239-248, Jan, 2017.
- [15] D. C. .L. Costa, M. V. A Nunes, J. P. A. Vieira, U. H. Bezerra, "Decision tree-based security dispatch application in integrated electric power and natural-gas networks," *Electric Power Systems Research*, 141, pp. 442–449, 2016.
- [16] C. M. Correa-Posada, P. Sanchez-Martin, "Integrated Power and Natural Gas Model for Energy Adequacy in Short-Term Operation," *IEEE Transactions on Power Systems*, 30(6), pp. 3347–3355, 2014.
- [17] A. Zlotnik, L. Roald, S. Backhaus, M. Chertkov, G. Andersson, "Coordinated Scheduling for Interdependent Electric Power and Natural Gas Infrastructures," *IEEE Transactions on Power Systems*, Vol. 32, No. 1, pp. 600 - 610, Jan, 2017.
- [18] D. Peng, D. B. Robinson, "A New Two-Constant Equation of State," *Indus. Eng. Chem. Fundam.*, 15(1), pp. 59–64, 1976.
- [19] S. E. Menon, "Thermal Hydraulics" in *Gas Pipeline Hydraulics*, Boca Raton, Taylor & Francis , Ch. 7, Sec. 7.2 , pp. 251-253.
- [20] GEI 41040G Specification for Fuel Gases for Combustion in Heavy-Duty Gas Turbines, General Electric Power System.
- [21] R. Jones, J. Goldmeer, B. Monetti, "Addressing gas turbine fuel flexibility," GE Energy, Atlanta, Georgia, Rep. GER-4601, 2011.
- [22] Texas Administrative Code : Title 16 Part1 Chapter 3 Rule 3.36, Railroad Commission of Texas.
- [23] A. Wächter, L.T. Biegler, "On the Implementation of an Interior Point Filter Line-Search Algorithm for Large-Scale Nonlinear Programming," *Mathematical Programming*, Vol. 106, 2005.
- [24] J. Currie,D.I. Wilson, "OPTI: lowering the barrier between open source optimizers and the industrial MATLAB user," *Foundations of Computer-Aided Process Operations*, Savannah, Georgia, 2012
- [25] K. Schittkowski, "On the convergence of a Sequential Quadratic Programming, Method with an Augmented Lagrangian Line Search Function," *Mathematische Operationsforschung und Statistik. Series Optimization*, Vol. 14, Feb, 1983.