Errata for *Implementation of a Large-Scale Optimal Power Flow Solver Based on Semidefinite Programming*

This list describes the changes and corrections made to the paper *Implementation of a Large-Scale Optimal Power Flow Solver Based on Semidefinite Programming* [A] after its initial publication.

1. **Error in the objective function of the dual form of the semidefinite relaxation of the OPF.**

   *Corrected October 7, 2013*

   There was an error in the objective function of the dual form of the semidefinite relaxation of the optimal power flow problem. In equation (20), the term
   \[ \sum_{k \in G^i} (\bar{\psi}^k P_{Gg}^{\min} - \bar{\psi}^k P_{Gg}^{\max} + c_{g0} - R_{g}^{22}) \]
   was incorrectly specified as
   \[ \sum_{k \in G^i} (\bar{\psi}^k P_{Gg}^{\min} - \bar{\psi}^k P_{Gg}^{\max} + c_{g0} - R_{g}^{12}) \].

References