

Recent Windfuels-Related Papers and Pending Patents

1. FD Doty, "Hydrocarbon and Alcohol Fuels from Variable, Renewable Energy...", PCT WO 2008/115933, <http://windfuels.com/PDFs/WO2008115933.pdf>.
2. FD Doty, "High-Temperature Dual-source Organic Rankine Cycle with Gas Separations", filed 10/2007, PCT WO 2009/048479, 2009. http://dotyenergy.com/PDFs/WO_%202009048479.pdf
3. FD Doty, "Compact, High-Effectiveness, Gas-to-gas Compound Recuperator with Liquid Intermediary", PCT WO-09082504. http://dotyenergy.com/PDFs/WO_%202009082504.pdf
4. GN Doty, FD Doty, LL Holte, D McCree and S Shevgoor, "Securing Our Energy Future by Efficiently Recycling CO₂ into Transportation Fuels...", Proc. WindPower 2009, #175, Chicago, 2009.
5. FD Doty and S Shevgoor, "Securing our Transportation Future by Using Off-Peak Wind to Recycle CO₂ into Fuels", ES2009-90182, ASME Joint Conferences, San Francisco, 2009. <http://dotyenergy.com/PDFs/ES09-Doty-1-windfuels-90182.pdf>
6. FD Doty and S Shevgoor, "A Dual-source Organic Rankine Cycle (DORC) ..." ES2009-90220, ASME Joint Conferences, San Francisco, 2009. <http://dotyenergy.com/PDFs/ES09-Doty-1-DORC-90220.pdf>
7. FD Doty and S Shevgoor, "Compact, High-Effectiveness, Gas-to-gas Compound Recuperator with Liquid Intermediary (CRLI)", HT2009-88372, ASME Joint Conferences, San Francisco, 2009. <http://dotyenergy.com/PDFs/ES09-Doty-1-CRLI-88372.pdf>
8. FD Doty, "Economically Producing Fuels and Chemicals from CO₂ and Off-peak Wind", (invited plenary), presented at Beijing Symposium on Sustainable Energy, Beijing, Feb 6, 2010.
9. GN Doty, DL McCree, JM Doty, and FD Doty, "Deployment Prospects for Proposed Sustainable Energy Alternatives in 2020", Proc. Energy Sustainability 2010, Paper #90376, Phoenix, 2010.
10. DL McCree, GN Doty, and FD Doty, "Projections of Levelized Cost Benefit of Grid-scale Energy-Storage Options," ASME Energy Sustainability Conference, paper ES2010-90377, Phoenix, 2010.
11. FD Doty GN Doty, JP Staab, and LL Holte, "Toward Efficient Reduction of CO₂ to CO for Renewable Fuels," ASME Energy Sustainability Conference, paper ES2010-90362, Phoenix, 2010.
12. LL Holte, GN Doty, DL McCree, JM Doty, and FD Doty "Sustainable Transportation Fuels from Off-peak Wind Energy, CO₂, and Water", ASME Energy Sustainability Conference, paper ES2010-90366, Phoenix, 2010.
13. FD Doty, "From CryoMAS to Windfuels", (invited plenary), presented at the Rocky Mountain Conference on Analytical Chemistry, Snowmass, CO, Aug 2-5, 2010.

