ENERGY – FEASIBILITY VERSUS VIABILITY BIBLIOGRAPHY

Brown, A., Beiter, P., Heimiller, D., Davidson, C., Denholm, P., Melius, J., Lopez, A., Hettinger, D., Mulcahy, D., Porro, G., 2016. Estimating Renewable Energy Economic Potential in the United States: Methodology and Initial Results. Renewable Energy 154.

Brown, T.W., Bischof-Niemz, T., Blok, K., Breyer, C., Lund, H., Mathiesen, B.V., 2018. Response to 'Burden of proof: A comprehensive review of the feasibility of 100% renewable-electricity systems.' Renewable and Sustainable Energy Reviews 92, 834–847. https://doi.org/10.1016/j.rser.2018.04.113

Carbajales-Dale, M., Barnhart, C.J., Benson, S.M., 2014. Can we afford storage? A dynamic net energy analysis of renewable electricity generation supported by energy storage. Energy Environ. Sci. 7, 1538. https://doi.org/10.1039/c3ee42125b

Clack, C.T.M., Qvist, S.A., Apt, J., Bazilian, M., Brandt, A.R., Caldeira, K., Davis, S.J., Diakov, V., Handschy, M.A., Hines, P.D.H., Jaramillo, P., Kammen, D.M., Long, J.C.S., Morgan, M.G., Reed, A., Sivaram, V., Sweeney, J., Tynan, G.R., Victor, D.G., Weyant, J.P., Whitacre, J.F., 2017a. Evaluation of a proposal for reliable low-cost grid power with 100% wind, water, and solar. Proc Natl Acad Sci USA 114, 6722–6727. https://doi.org/10.1073/pnas.1610381114

Clack, C.T.M., Qvist, S.A., Apt, J., Bazilian, M., Brandt, A.R., Caldeira, K., Davis, S.J., Diakov, V., Handschy, M.A., Hines, P.D.H., Jaramillo, P., Kammen, D.M., Long, J.C.S., Morgan, M.G., Reed, A., Sivaram, V., Sweeney, J., Tynan, G.R., Victor, D.G., Weyant, J.P., Whitacre, J.F., 2017b. Evaluation of a proposal for reliable low-cost grid power with 100% wind, water, and solar. Proc Natl Acad Sci USA 114, 6722–6727. https://doi.org/10.1073/pnas.1610381114

Dale, M., Benson, S.M., 2013. Energy Balance of the Global Photovoltaic (PV) Industry - Is the PV Industry a Net Electricity Producer? Environ. Sci. Technol. 47, 3482–3489. https://doi.org/10.1021/es3038824

Davidsson Kurland, S., Benson, S.M., 2019. The energetic implications of introducing lithium-ion batteries into distributed photovoltaic systems. Sustainable Energy Fuels 3, 1182–1190. https://doi.org/10.1039/C9SE00127A

Delucchi, M.A., Jacobson, M.Z., 2011. Providing all global energy with wind, water, and solar power, Part II: Reliability, system and transmission costs, and policies. Energy Policy 39, 1170–1190. https://doi.org/10.1016/j.enpol.2010.11.045

Heard, B.P., Brook, B.W., Wigley, T.M.L., Bradshaw, C.J.A., 2017. Burden of proof: A comprehensive review of the feasibility of 100% renewable-electricity systems. Renewable and Sustainable Energy Reviews 76, 1122–1133. https://doi.org/10.1016/j.rser.2017.03.114

Höök, M., Aleklett, K., 2010. A review on coal-to-liquid fuels and its coal consumption. Int. J. Energy Res. 34, 848–864. https://doi.org/10.1002/er.1596

Jacobson, M.Z., Delucchi, M.A., 2011a. Providing all global energy with wind, water, and solar power, Part I: Technologies, energy resources, quantities and areas of infrastructure, and materials. Energy Policy 39, 1154–1169. https://doi.org/10.1016/j.enpol.2010.11.040

Jacobson, M.Z., Delucchi, M.A., 2011b. Providing all global energy with wind, water, and solar power, Part I: Technologies, energy resources, quantities and areas of infrastructure, and materials. Energy Policy 39, 1154–1169. https://doi.org/10.1016/j.enpol.2010.11.040

Jacobson, M.Z., Delucchi, M.A., Cameron, M.A., Frew, B.A., 2017. The United States can keep the grid stable at low cost with 100% clean, renewable energy in all sectors despite inaccurate claims. Proc Natl Acad Sci USA 114, E5021–E5023. https://doi.org/10.1073/pnas.1708069114

Jacobson, M.Z., Delucchi, M.A., Cameron, M.A., Frew, B.A., 2015. Low-cost solution to the grid reliability problem with 100% penetration of intermittent wind, water, and solar for all purposes. Proc Natl Acad Sci USA 112, 15060–15065. https://doi.org/10.1073/pnas.1510028112

Leccisi, E., Raugei, M., Fthenakis, V., 2016. The Energy and Environmental Performance of Ground-Mounted Photovoltaic Systems—A Timely Update. Energies 9, 622. https://doi.org/10.3390/en9080622

Mohr, S., Ward, J., 2014. Helium Production and Possible Projection. Minerals 4, 130–144. https://doi.org/10.3390/min4010130

Moreau, V., Dos Reis, P., Vuille, F., 2019. Enough Metals? Resource Constraints to Supply a Fully Renewable Energy System. Resources 8, 29. https://doi.org/10.3390/resources8010029

Owusu, P.A., Asumadu-Sarkodie, S., 2016. A review of renewable energy sources, sustainability issues and climate change mitigation. Cogent Engineering 3. https://doi.org/10.1080/23311916.2016.1167990

Trainer, T., 2012. A critique of Jacobson and Delucchi's proposals for a world renewable energy supply. Energy Policy 44, 476–481. https://doi.org/10.1016/j.enpol.2011.09.037

Trainer, T., 2010. Can renewables etc. solve the greenhouse problem? The negative case. Energy Policy 38, 4107–4114. https://doi.org/10.1016/j.enpol.2010.03.037

Walan, P., Davidsson, S., Johansson, S., Höök, M., 2014a. Phosphate rock production and depletion: Regional disaggregated modeling and global implications. Resources, Conservation and Recycling 93, 178–187. https://doi.org/10.1016/j.resconrec.2014.10.011

Walan, P., Davidsson, S., Johansson, S., Höök, M., 2014b. Phosphate rock production and depletion: Regional disaggregated modeling and global implications. Resources, Conservation and Recycling 93, 178–187. https://doi.org/10.1016/j.resconrec.2014.10.011