



IN-STREAM HYDRO

Drawdown Technical Assessment References

Abbasi, Tasneem, and S.A. Abbasi. "Small Hydro and the Environmental Implications of Its Extensive Utilization." *Renewable and Sustainable Energy Reviews* 15, no. 4 (May 2011): 2134–43. doi:10.1016/j.rser.2010.11.050.

Ardizzon, G., G. Cavazzini, and G. Pavesi. "A New Generation of Small Hydro and Pumped-Hydro Power Plants: Advances and Future Challenges." *Renewable and Sustainable Energy Reviews* 31 (March 2014): 746–61. doi:10.1016/j.rser.2013.12.043.

BP 2014. *Statistical Review of World Energy 2014*. Retrieved from: <http://www.bp.com/en/global/corporate/about-bp/energy-economics/statistical-review-of-world-energy.html>

Bloomberg New Energy Finance. "Climatescope 2012: Assessing the Climate for Climate Investigating in Latin America and the Caribbean," 2012.

Blyashko, Ya. I. "Modern Trends in the Development of Small Hydro Power around the World and in Russia." *Thermal Engineering* 57, no. 11 (November 2010): 953–60. doi:10.1134/S0040601510110078.

Bogdanov, Dmitrii, and Christian Breyer. "North-East Asian Super Grid for 100% Renewable Energy Supply: Optimal Mix of Energy Technologies for Electricity, Gas and Heat Supply Options." *Energy Conversion and Management* 112 (March 2016): 176–90. doi:10.1016/j.enconman.2016.01.019.

Criqui, Patrick, and Nikolaos Kouvaritakis. "World Energy Projections to 2030." *International Journal of Global Energy Issues* 14, no. 1–4 (2000): 116–136.

Elbatran, A.H., O.B. Yaakob, Yasser M. Ahmed, and H.M. Shabara. "Operation, Performance and Economic Analysis of Low Head Micro-Hydropower Turbines for Rural and Remote Areas: A Review." *Renewable and Sustainable Energy Reviews* 43 (March 2015): 40–50. doi:10.1016/j.rser.2014.11.045.

Helston, Charlotte. "EnergyBC: Run-of-River Power," 2011. <http://www.energybc.ca/profiles/runofriver.html>.

- Indian Ministry of New and Renewable Energy. "MNRE Report on Small Hydro Power," 2012. <http://www.eai.in/club/users/Rahul/blogs/7297>.
- . "National Mission on Small Hydro," 2014.
- Instream Energy Systems. "Instream Turbine Technical Specifications," n.d.
- IRENA. "A Roadmap for a Renewable Energy Future," 2016. http://www.irena.org/DocumentDownloads/Publications/IRENA_REmap_2016_edition_report.pdf.
- . "Renewable Energy Technologies Cost Analysis Series," June 2012.
- . "Renewable Power Generation Costs in 2014," 2014. http://www.irena.org/DocumentDownloads/Publications/IRENA_RE_Power_Costs_2014_report.pdf.
- Kakkar, Rahul. "Potential of Renewable Energy Resources in India-An Overview." Accessed August 7, 2016. <http://ijetsr.org/wp-content/uploads/2013/12/IJETSr100713.pdf>.
- Khanh Toan, Pham, Nguyen Minh Bao, and Nguyen Ha Dieu. "Energy Supply, Demand, and Policy in Viet Nam, with Future Projections." *Energy Policy* 39, no. 11 (November 2011): 6814–26. doi:10.1016/j.enpol.2010.03.021.
- Kumar, Deepak, and S.S. Katoch. "Small Hydropower Development in Western Himalayas: Strategy for Faster Implementation." *Renewable Energy* 77 (May 2015): 571–78. doi:10.1016/j.renene.2014.12.058.
- Kusakana, Kanzumba. "Feasibility Analysis of River off-Grid Hydrokinetic Systems with Pumped Hydro Storage in Rural Applications." *Energy Conversion and Management* 96 (May 2015): 352–62. doi:10.1016/j.enconman.2015.02.089.
- Manders, Tanja N., Johanna I. Höffken, and Erik B.A. van der Vleuten. "Small-Scale Hydropower in the Netherlands: Problems and Strategies of System Builders." *Renewable and Sustainable Energy Reviews* 59 (June 2016): 1493–1503. doi:10.1016/j.rser.2015.12.100.
- Mishra, Mukesh Kumar, Nilay Khare, and Alka Bani Agrawal. "Small Hydro Power in India: Current Status and Future Perspectives." *Renewable and Sustainable Energy Reviews* 51 (November 2015): 101–15. doi:10.1016/j.rser.2015.05.075.
- Paish, Oliver. "Small Hydro Power: Technology and Current Status." *Renewable and Sustainable Energy Reviews* 6, no. 6 (2002): 537–556.
- Pang, Mingyue, Lixiao Zhang, Changbo Wang, and Gengyuan Liu. "Environmental Life Cycle Assessment of a Small Hydropower Plant in China." *The International Journal of Life Cycle Assessment* 20, no. 6 (June 2015): 796–806. doi:10.1007/s11367-015-0878-7.
- Purohit, Pallav. "Small Hydro Power Projects under Clean Development Mechanism in India: A Preliminary Assessment." *Energy Policy* 36, no. 6 (June 2008): 2000–2015. doi:10.1016/j.enpol.2008.02.008.

Roque, Antonio, Duarte M. Sousa, Claudio Casimiro, and Elmano Margato. "Technical and Economic Analysis of a Micro Hydro Plant in 2014; a Case Study," 1–6. IEEE, 2010. doi:10.1109/EEM.2010.5558735.

Sachdev, Hira Singh, Ashok Kumar Akella, and Niranjana Kumar. "Analysis and Evaluation of Small Hydropower Plants: A Bibliographical Survey." *Renewable and Sustainable Energy Reviews* 51 (November 2015): 1013–22. doi:10.1016/j.rser.2015.06.065.

Svensson, B. S. "Hydropower and Instream Flow Requirements for Fish in Sweden." *Fisheries Management and Ecology* 7, no. 1–2 (2000): 145–155.

Tully, Stephen. "The Human Right to Access Electricity." *The Electricity Journal* 19, no. 3 (April 2006): 30–39. doi:10.1016/j.tej.2006.02.003.

United Nations Industrial Development Organization and International Center on Small Hydro Power. "World Small Hydro Report 2013," 2013. www.smallhydroworld.org.

VanZwieten, James, William McAnally, Jameel Ahmad, Trey Davis, James Martin, Mark Bevelhimer, Allison Cribbs, Renee Lippert, Thomas Hudon, and Matthew Trudeau. "In-Stream Hydrokinetic Power: Review and Appraisal." *Journal of Energy Engineering* 141, no. 3 (September 2015): 4014024. doi:10.1061/(ASCE)EY.1943-7897.0000197.

Vermaak, Herman Jacobus, Kanzumba Kusakana, and Sandile Philip Koko. "Status of Micro-Hydrokinetic River Technology in Rural Applications: A Review of Literature." *Renewable and Sustainable Energy Reviews* 29 (January 2014): 625–33. doi:10.1016/j.rser.2013.08.066.

Wang, Haoran, Yongcan Chen, Zhaowei Liu, and Dejun Zhu. "Effects of the 'Run-of-River' Hydro Scheme on Macroinvertebrate Communities and Habitat Conditions in a Mountain River of Northeastern China." *Water* 8, no. 2 (January 21, 2016): 31. doi:10.3390/w8010031.

World Bank. "Data on Small Hydro Projects - Renewable Energy Database," 2012. <http://www.doingbusiness.org/re/snapshots/technology/small-hydro>.

———. "Hydroelectric Power: A Guide for Developers and Investors," 2013.

Yuce, M. Ishak, and Abdullah Muratoglu. "Hydrokinetic Energy Conversion Systems: A Technology Status Review." *Renewable and Sustainable Energy Reviews* 43 (March 2015): 72–82. doi:10.1016/j.rser.2014.10.037.

Zema, Demetrio Antonio, Angelo Nicotra, Vincenzo Tamburino, and Santo Marcello Zimbone. "A Simple Method to Evaluate the Technical and Economic Feasibility of Micro Hydro Power Plants in Existing Irrigation Systems." *Renewable Energy* 85 (January 2016): 498–506. doi:10.1016/j.renene.2015.06.066.

Zhang, Jin, Linyu Xu, and Xiaojin Li. "Review on the Externalities of Hydropower: A Comparison between Large and Small Hydropower Projects in Tibet Based on the CO₂ Equivalent." *Renewable and Sustainable Energy Reviews* 50 (October 2015): 176–85. doi:10.1016/j.rser.2015.04.150.