

## **Appendix A3**

### **List of Literature in the Survey**

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## Appendix A3: List of Literatures in the Survey

### 【References sorted by type】

#### 1. Journal article

- Electric Power Civil Engineering, No.309, January 2004.  
Electric Power Civil Engineering, No.319, September 2005.  
Electricity business in overseas countries, 2014  
Gendai Nogyo, November 2011 issue, <http://www.ruralnet.or.jp/syutyo/2011/201111.htm>.  
International Agriculture and Forestry Industry Cooperation, Vol.28, 2005  
International Water Power & Dam Construction, May 2009.  
International Water Power & Dam Construction, November 2009.  
International Water Power & Dam Construction, January 2013.  
International Water Power & Dam Construction, July 2009.  
International Water Power & Dam Construction, December 2009.  
Japan Electric Power Information Center: monthly magazine, 2014.  
Japan Electric Power Information Center: monthly magazine, June 2016.  
Renewable Energy, Volume 81, September 2015, Pages 578-588

#### 2. Book

- Kaori Takigawa, Atsushi Murakami, Noriaki Ikeda, Kaoru Tashro, Madoka Omi: To 100%Renewable Energy!  
Energy Independence Region in Europe (2013.3: Gakugei Publisher)

#### 3. Bulletin or Report

- Alberta Utilities Commission: Hydroelectric Power Generation Development Inquiry, February 2011.  
BHA: A Guide to UK Mini-Hydro Developments(BHA),  
[http://www.british-hydro.org/Useful\\_Information/A%20Guide%20to%20UK%20mini-hydro%20development%20v3.pdf#search=%27A+Guide+to+UK+MiniHydro+Developments%28BHA%29%27](http://www.british-hydro.org/Useful_Information/A%20Guide%20to%20UK%20mini-hydro%20development%20v3.pdf#search=%27A+Guide+to+UK+MiniHydro+Developments%28BHA%29%27)  
IRENA: Renewable Energy Policy Brief, Chile, June 2015.  
JETRO: A survey on the feasibility of the US federal government and major provinces to improve energy efficiency and promote the use of renewable energy, September, 2010.  
Ministry of Education, Culture, Sports, Science and Technology: Science and Technology Trend, March 2010.  
National and Regional Policy Bureau, Ministry of Land, Infrastructure, Transport and Tourism: FY2013 Case Studies concerning Regional Revitalization through the Use of Renewable Energies, March 2014.  
Natural Resources Canada: Micro-Hydropower Systems, A Buyer's Guide, 2004.  
NEDO: Top 100 New Energy Projects, Taio Micro Hydro Station in Hita City, June 2009.  
NEF: Investigation of water-power resources of unused head energy generation, 2009.  
U.S. DEPARTMENT OF ENERGY: An Assessment of Energy Potential at Non-Powered Dams in the United States(DOE, April 2012, Oak Ridge National Laboratory) ,  
[https://www1.eere.energy.gov/water/pdfs/npd\\_report.pdf#search=%27An+Assessment+of+Energy+Potential+at+NonPowered+Dams+in+the+United+States%27](https://www1.eere.energy.gov/water/pdfs/npd_report.pdf#search=%27An+Assessment+of+Energy+Potential+at+NonPowered+Dams+in+the+United+States%27)  
U.S. Department of Energy: Energy Efficiency and Renewable Energy, Hydropower/Setting a Course for Our Energy Future, 2004, <http://www.nrel.gov/docs/fy04osti/34916.pdf>  
torrshydro NEW MILLS: Annual Report 2014-15.  
Tsuru City: Tsuru City Report on Regional New Energy Vision and other projects, Summary edition, February 2003.  
[UNIDO and ICSHP](#): World Small Hydropower Development Report, 2013.  
University of Texas, Community & Regional Planning: IGERT Trip Report\_ Munich, Germany, Summer 2013.

Water Research Commission: Conduit hydropower development guide, WRC Report no. TT 597/14, 2014.  
Water Research Commission: Conduit hydropower pilot plants, WRC Report no. TT 596/14, 2014.  
Yokohama National University, Tsuru City, EX Research Institute: FY2012 Report on the Smart Community Vision Proliferation and Support Project, March 2013.

#### **4. Symposium, Seminar, Workshop, etc.**

Basics workshop on NEF hydro power, May 2011.  
City Planning Institute of Japan and Association of City Mayors: Reference material for the City Planning Symposium “Discussing 21st-century city planning with mayors --- Boosting local capacity”, Initiative of the Kachugawa Citizens Micro Hydro Station Genki-Kun, February 2013.  
NEF 71<sup>st</sup> Practical Workshop concerning Medium and Micro Hydro Plant Technology, July 2004.  
NEF 78th Workshop on Micro and Medium Hydropower Technology, October 2006.  
NEF 79th Practical Workshop concerning Medium and Micro Hydro Plant Technology, October 2007.  
Renewable Energy Marketing Conference: A Case Study in Community Green Power, November 2011.

#### **5. Other Published Paper, Brochure, Flyer, Leaflet, etc.**

APEC Energy Working Group: Peer Review on Low Carbon Energy Policies in the Philippines, 20 November 2013, [http://aperc.ieej.or.jp/file/2014/3/14/PRLCE\\_in\\_the\\_Phils\\_Final\\_\\_endorsed.pdf](http://aperc.ieej.or.jp/file/2014/3/14/PRLCE_in_the_Phils_Final__endorsed.pdf)  
Alaska Department of Fish and Game Division of Habitat: Technical Report No.12-06, Distribution of Resident Dolly Varden in Power Creek, Cordova, 2005-2007, April 2012  
Aleutian & Pribilof Islands Regional Energy Plan Phase 1 Resource Inventory(Draft), 2013.  
Batra: Baseline study on Hydropower in South Africa,  
[http://www.scielo.org.za/scielo.php?script=sci\\_arttext&pid=S1021-447X2013000300003](http://www.scielo.org.za/scielo.php?script=sci_arttext&pid=S1021-447X2013000300003)  
BBC NEWS: Eigg powers on with energy scheme.  
C40 Blog: Mayors' Voices: Munich Mayor Hep Monatzeder, November 2013,  
[http://www.c40.org/blog\\_posts/mayors-voices-munich-mayor-hep-monatzeder](http://www.c40.org/blog_posts/mayors-voices-munich-mayor-hep-monatzeder).  
CADDET Technical Brochure No.37, Hydro-power for a Remote Alaskan Community, 1996.  
Case Study: Torrs Hydro, Sustainable Funding Project/National Council for Voluntary Organisations  
COMMUNITY POWER: Island Power Eigg Electric, February 2015.  
Das Praterkraftwerk:  
<https://www.greencity-energy.de/wp-content/uploads/2015/06/Praterkraftwerk-von-Green-City-Energy-und-den-Stadtwerken-M%C3%BCnchen.pdf>.  
E8: The Philippine Ifugao-Ambangal Mini-hydro Project(e8 publication):  
<http://www.globalelectricity.org/upload/File/Project%20Communciations/IFUGAO%20publication%20FINAL.pdf>.  
Electricity Market Liberalization and the German Energiewende/Prof. Uwe Leprich, Institute for Future Energy Systems(IZES), 2015  
[http://www.greenpeace.org/japan/Global/japan/pdf/20150624\\_Leprich\\_ppt.pdf](http://www.greenpeace.org/japan/Global/japan/pdf/20150624_Leprich_ppt.pdf)  
ENERGIA: Electric power system in Europe, Energy regional economic report, No.468, July 2013.  
ESCON: Eskom Holdings Limited Integrated Report 2011, [http://financialresults.co.za/2011/eskom\\_ar2011/](http://financialresults.co.za/2011/eskom_ar2011/)  
Fujioiro Land Improvement District: Fujioiro Power Station Overview, May 1977.  
Fujioiro Land Improvement District: Completing the Fujioiro Daini Power Station, May 1984.  
GEORG SIMON OHM UNIVERSITY OF APPLIED SCIENCES NUREMBERG, enewable Energy Development Hydropower in Norway, 2011,  
[http://www.th-nuernberg.de/fileadmin/Fachbereiche/bw/studienschwerpunkte/international\\_business/Master/CAIFD/SeminarPapers/HydropowerNorway\\_SeminarPaper.pdf](http://www.th-nuernberg.de/fileadmin/Fachbereiche/bw/studienschwerpunkte/international_business/Master/CAIFD/SeminarPapers/HydropowerNorway_SeminarPaper.pdf)  
HDR Engineering, Inc.: 1995 Engineering Excellence Awards, King Cove Hydroelectric Project.  
Hydropower and Environment(SHERPA), Intelligent Energy Europe,

[https://ec.europa.eu/energy/intelligent/projects/sites/iee-projects/files/projects/documents/sherpa\\_report\\_on\\_environmental\\_integration.pdf](https://ec.europa.eu/energy/intelligent/projects/sites/iee-projects/files/projects/documents/sherpa_report_on_environmental_integration.pdf)

Hydro Review: Replacing Diesel Fuel With Hydroelectric Generation, September 2002.

IEA Annex II Expert Meeting Washington D.C. Nov.8-9, 2016

Instream flow thresholds for fish and fish habitat as guidelines for reviewing proposed water uses  
SYNOPSIS/British Columbia Instream Flow Guidelines for Fish  
[http://www.geoscientific.com/technical/tech\\_references\\_pdf\\_files/BC%20Instream%20Flow%20Guidelines%20for%20Fish.pdf](http://www.geoscientific.com/technical/tech_references_pdf_files/BC%20Instream%20Flow%20Guidelines%20for%20Fish.pdf)

International Association for Energy Economics: Shahriyar and Carlos Silva : Diversification of Chilean Energy Matrix/Recent Developments and Challenges  
[www.iaee.org/en/publications/newsletterdl.aspx?id=256](http://www.iaee.org/en/publications/newsletterdl.aspx?id=256)

Japan Electric Information Center, 2013(Japanese version)

Kochi Prefecture Public Corporation Bureau: Overview of the Public Corporation Bureau, June 2014.

Kochi Prefecture Public Corporation Bureau: Kochi Prefecture Public Corporation Bureau's Mid-Term Management Plan (3rd), April 2014.

Microeconomics: Regimes for granting right to use hydropower in Europe, 2014

NORWEGIAN MINISTRY OF PETROLEUM AND ENERGY: FACTS 2015/Energy and Water Resources in Norway, 2015,  
[https://www.regjeringen.no/contentassets/fd89d9e2c39a4ac2b9c9a95bf156089a/facts\\_2015\\_energy\\_and\\_water\\_web.pdf](https://www.regjeringen.no/contentassets/fd89d9e2c39a4ac2b9c9a95bf156089a/facts_2015_energy_and_water_web.pdf)

NVE: The Norwegian-Swedish Electricity Certificate Market( NVE Annual Report 2015), 2015

OECD/IEA: Energy Policies of IEA Countries 2009 Review

Paulina Pérez: A historical and current Energy Market and Small Hydro in Chile, October 5, 2015

Sandra Zellmer: Chapter 12 Legal Tools for Instream Flow Protection, Integrated Approaches to Riverine Resource Stewardship, <http://digitalcommons.unl.edu/cgi/viewcontent.cgi?article=1008&context=lawfacpub>

Szewczuk, Fellows, and van der Linden, <http://www.smallhydroworld.org/index.php?id=334>

Taku Land Corporation: Generation for Generations, November 04, 2009.

The Scottish Government: Community Renewable Energy Toolkit Case study 17 : Electrification of Eigg, Isle of Eigg – PV, Hydro & Wind turbines, March 2009.

University of Pretoria: Conduit hydropower: An alternative sustainable renewable energy source, 2014.

W.E. Jonker Klunne : Small hydropower for rural electrification in South Africa – using experiences from other African countries : (Muller),  
[http://researchspace.csir.co.za/dspace/bitstream/10204/3757/1/Jonker%20Klunne\\_d2\\_2009.pdf#search=%27Muller%2C+South+Africa+Newable+Resource+DatabaseMicro+Hydro+Power+Potential%27](http://researchspace.csir.co.za/dspace/bitstream/10204/3757/1/Jonker%20Klunne_d2_2009.pdf#search=%27Muller%2C+South+Africa+Newable+Resource+DatabaseMicro+Hydro+Power+Potential%27)

Water Code of the Philippines, Amended Implementing Rules and Regulations,  
[http://www.nwrp.gov.ph/images/laws/pd1067\\_amended.pdf](http://www.nwrp.gov.ph/images/laws/pd1067_amended.pdf)

Wim Jonker Klunne: Small hydropower in South Africa – an overview of five countries in the region, Journal of Energy in Southern Africa, Vol.24 No.3, August 2013,  
<http://www.scielo.org.za/pdf/jesa/v24n3/03.pdf#search=%27Journal+of+Energy+in+Southern+Africa%2C+Vol.24+No.3%2C+August+2013%27>

## 6 . Website

Agency for Natural Resources and Energy: FIT,  
[http://www.enecho.meti.go.jp/category/saving\\_and\\_new/saiene/kaitori/index.html](http://www.enecho.meti.go.jp/category/saving_and_new/saiene/kaitori/index.html)

AMPC: Association of Major Power Customers of BC(AMPC), <http://www.ampcbc.ca/>

Colla.j: <http://collaj.jp/data/magazine/2011-07/index.html>

Cordova Electric Cooperative: <http://cordovaelectric.com/>

Cross Border Transactions (August 20, 2014), CHILE-Boom of Nonconventional Renewable Energy Projects

in Chile, Renewable Energy Center of Chile's Ministry of Energy(RNC) Statistics  
<https://www.manatt.com/insights/newsletters/cross-border-transactions/chile-%e2%80%93-boom-of-nonconventional-renewable-energy-p>

Department of Energy, Electricity generation in South Africa,  
[http://www.energy.gov.za/files/electricity\\_frame.html](http://www.energy.gov.za/files/electricity_frame.html)

DSIRE: Database of State Incentives for Renewables & Efficiency(DSIRE),  
<http://programs.dsireusa.org/system/program?fromSir=0&state=AK>

ECAS: Stream Map for Small Hydropower in the EU-27 in the View of 2020 Targets,  
<https://ec.europa.eu/energy/intelligent/projects/en/projects/shp-streammap>

Electric Engineering Section, Pubic Corporation Bureau, Kochi Prefectural Government:  
<https://www.pref.kochi.lg.jp/soshiki/610301/>

Embark: Case Studies: UK - Torrs Hydro Community Project:  
<http://www.embark.com.au/pages/releaseview.action?pageId=8061027>

ESHA\_Stream map\_HYDI Database: <http://www.restor-hydro.eu/en/tools/hydi/>

EXPO21XX News: Wasserkraft Volk equips a 3.5MW hydro power station in chile,  
<http://www.expo21xx.com/news/wasserkraft-volk-3-5mw-hydro-power-station/>

Fact 2008 : Energy and Water Resources in Norway, Electricity generation,  
<http://www.regjeringen.no/en/dep/oed/documents-and-publications/Reports/2008/fact-2008---energy-and-water-resources-i.html?id=536186>

Green City Energy AG: <http://www.greencity-energy.com/>

GSEP: <http://www.globalelectricity.org/en/index.jsp?p=121&f=236>

Hiroshima Prefecture: <http://www.pref.hiroshima.lg.jp/site/toukei/doukou-index.html>

INDUSTRIA: Central Hidroeléctrica Mallarauco “Aportando al abastecimiento energético y al desarrollo del sector agrícola”(Octubre 2011), <http://www.emb.cl/electroindustria/articulo.mvc?xid=1704>

Innergex Renewable Energy Inc. : <http://www.innergex.com/en/>

Kami City: <http://www.city.kami.kochi.jp/>

Knight Piésold Ltd: <https://www.knightpiesold.com/en/>

Mizkan Center for Water Culture: [http://www.mizu.gr.jp/fudoki/people/042\\_hoshino.html](http://www.mizu.gr.jp/fudoki/people/042_hoshino.html)

Nasunogahara Land Improvement District: <http://www.nasu-lid.or.jp/top/top.htm>

NHAAP: ORNL, USA, NHAAP Program, <http://nhaap.ornl.gov/publications>

NRCAN: ecoENERGY for Renewable Power, <http://www.nrcan.gc.ca/eoaction/14145>

Praterkraftwerk GmbH: <http://www.praterkraftwerk.de/>

Renewable Power Corporation: <http://www.renewablepowercorp.com/>

RES LEGAL: Renewable energy policy database and support – RES-LEGAL EUROPE, 28 March 2013,  
<http://www.res-legal.eu/search-by-country/portugal/single/s/res-e/t/promotion/aid/feed-in-tariff-tarifas-feed-in/lastp/179/>

REScoop: Best practices Report, REScoop 20-20-20:  
<https://rescoop.eu/system/files/REScoop%20Best%20Practices%20Report%201.pdf>

RESTOR HYDRO: ESHA\_Stream map\_HYDI Database, <http://www.restor-hydro.eu/en/tools/hydi/>

RETS “Best Practice Case Study: Islands going green, Isle of Eigg, Scotland,UK”:  
[http://www.rets-project.eu/UserFiles/File/pdf/Best%20practices/IESR/Islandsgoinggreen\\_Isle\\_of\\_Eigg\\_UK.pdf](http://www.rets-project.eu/UserFiles/File/pdf/Best%20practices/IESR/Islandsgoinggreen_Isle_of_Eigg_UK.pdf)

Statistics Canada: Statistics Canada catalogue 57-206-XIB,  
<http://www5.statcan.gc.ca/olc-cel/olc.action?objId=57-206-X&objType=2&lang=en&limit=0>

SWM: SWM Renewable Energies expansion campaign,  
<https://www.swm.de/english/company/energy-generation/renewable-energies.html>

The Government of Canada's Approach to Implementation of the Inherent Right and the Negotiation of Aboriginal Self-Government

<http://www.aadnc-aandc.gc.ca/eng/1100100031843/1100100031844>  
torrshydro NEW MILLS: <http://torrshydro.org/Torrshydro/>  
Tsuru City: <http://www.city.tsuru.yamanashi.jp/forms/top/top.aspx>  
Tribal Energy Program Grant, <http://energy.gov/indianenergy/office-indian-energy-policy-and-programs>  
U.S. Army Corps of Engineers, National Inventory of Dams,  
<https://catalog.data.gov/dataset/national-inventory-of-dams>  
US Business Executive: Cordova Electric Cooperative Inc.: Alaska's Renewable Energy Trailblazers,  
<http://www.usbusinessexecutive.com/energy-power/case-studies/cordova-electric-cooperative-inc-alaska%E2%80%99s-renewable-energy-trailblazers>  
USDA: Rural Energy for America Program(REAP) Grants,  
[https://www.rd.usda.gov/BCP\\_ReapResEei\\_Financing.html](https://www.rd.usda.gov/BCP_ReapResEei_Financing.html)  
YouTube: The Power of Hydro: Bloemwater Conduit Hydropower Plant Project video.

## **【References sorted by Current Status of SHP】**

### **CA00\_ Canada**

- 1) Statistics Canada catalogue 57-206-XIB  
<http://www5.statcan.gc.ca/olc-cel/olc.action?objId=57-206-X&objType=2&lang=en&limit=0>
- 2) Japan Electric Information Center, 2013”(Japanese version)
- 3) Association of Major Power Customers of BC(AMPC).  
<http://www.ampcbc.ca/>
- 4) Micro-Hydropower Systems, A Buyer’s Guide/Natural Resources Canada  
<http://www.energyalternatives.ca/PDF/Micro-Hydropower%20Systems%20-%20A%20Buyer%27s%20Guide.pdf>
- 5) Instream flow thresholds for fish and fish habitat as guidelines for reviewing proposed water uses  
SYNOPSIS/British Columbia Instream Flow Guidelines for Fish  
[http://www.geoscientific.com/technical/tech\\_references\\_pdf\\_files/BC%20Instream%20Flow%20Guidelines%20for%20Fish.pdf](http://www.geoscientific.com/technical/tech_references_pdf_files/BC%20Instream%20Flow%20Guidelines%20for%20Fish.pdf)
- 6) World Small Hydropower Development Report 2013/ICSHP  
[http://www.ecowrex.org/sites/default/files/documents/news/wshpdr\\_2013\\_benin.pdf](http://www.ecowrex.org/sites/default/files/documents/news/wshpdr_2013_benin.pdf)
- 7) ecoENERGY for Renewable Power  
<http://www.nrcan.gc.ca/ecoaction/14145>
- 8) Hydroelectric Power Generation Development Inquiry February 28, 2011/Alberta Utilities Commission  
<http://www.energy.alberta.ca/Electricity/pdfs/HydroelectricPowerInquiry.pdf>
- 9) The Government of Canada’s Approach to Implementation of the Inherent Right and the Negotiation of Aboriginal Self-Government  
<http://www.aadnc-aandc.gc.ca/eng/1100100031843/1100100031844>

### **CL00\_ Chile**

- 1) IRENA/Renewable Energy Policy Brief, Chile, June 2015  
[http://www.irena.org/DocumentDownloads/Publications/IRENA\\_RE\\_Latin\\_America\\_Policies\\_2015\\_Country\\_Chile.pdf](http://www.irena.org/DocumentDownloads/Publications/IRENA_RE_Latin_America_Policies_2015_Country_Chile.pdf)
- 2) Shahriyar and Carlos Silva : Diversification of Chilean Energy Matrix/Recent Developments and Challenges, International Association for Energy Economics  
[www.iaee.org/en/publications/newsletterdl.aspx?id=256](http://www.iaee.org/en/publications/newsletterdl.aspx?id=256)
- 3) Cross Border Transactions (August 20, 2014), CHILE-Boom of Nonconventional Renewable Energy Projects in Chile, Renewable Energy Center of Chile’s Ministry of Energy(RNC) Statistics  
<https://www.manatt.com/insights/newsletters/cross-border-transactions/chile-%e2%80%93-boom-of-nonconventional-renewable-energy-p>
- 4) World Small Hydropower Development Report 2013 (UNIDO, ICSHP)  
[http://www.ecowrex.org/sites/default/files/documents/news/wshpdr\\_2013\\_benin.pdf](http://www.ecowrex.org/sites/default/files/documents/news/wshpdr_2013_benin.pdf)
- 5) Paulina Pérez : A historical and current Energy Market and Small Hydro in Chile, October 5, 2015
- 6) Japan Electric Power Information Center: monthly magazine, June 2016.
- 7) MaRS Market Insights/Market Information Report (Chile July 2015)
- 8) Jun kurosawa, Consideration on water rights of agricultural water in Chile, International Agriculture and Forestry Industry Cooperation, Vol.28, 2005
- 9) Renewable Energy Policy Brief, Chile, June 2015(International Renewable Energy Agency IRENA)  
[http://www.irena.org/DocumentDownloads/Publications/IRENA\\_RE\\_Latin\\_America\\_Policies\\_2015\\_Country\\_Chile.pdf](http://www.irena.org/DocumentDownloads/Publications/IRENA_RE_Latin_America_Policies_2015_Country_Chile.pdf)
- 10) World Small Hydropower Development Report 2013(ICSHP)

### **DE00\_ Germany**

- 1) ESHA\_Stream map\_HYDI Database  
<http://www.restor-hydro.eu/en/tools/hydi/>
- 2) Electricity Market Liberalization and the German Energiewende/Prof. Uwe Leprich, Institute for Future

Energy Systems(IZES)

[http://www.greenpeace.org/japan/Global/japan/pdf/20150624\\_Leprich\\_ppt.pdf](http://www.greenpeace.org/japan/Global/japan/pdf/20150624_Leprich_ppt.pdf)

3) Japan Electric Power Information Center: monthly magazine, 2014.

#### **JP00\_ Japan**

1) NEF、 Investigation of water-power resources of unused head energy generation、 2009

2) Agency for Natural Resources and Energy, FIT

[http://www.enecho.meti.go.jp/category/saving\\_and\\_new/saiene/kaitori/index.html](http://www.enecho.meti.go.jp/category/saving_and_new/saiene/kaitori/index.html)

3)Ministry of Land, Infrastructure and Transport : “Power Generation Guidelines”

#### **NO00\_Norway**

1) Fact 2008 : Energy and Water Resources in Norway, Electricity generation

<http://www.regjeringen.no/en/dep/oed/documents-and-publications/Reports/2008/fact-2008---energy-and-water-resources-i.html?id=536186>

2) IEA Annex II Expert Meeting Washington D.C. Nov.8-9, 2016

3) FACTS 2015/Energy and Water Resources in Norway(NVE)

[https://www.regjeringen.no/contentassets/fd89d9e2c39a4ac2b9c9a95bf156089a/facts\\_2015\\_energy\\_and\\_water\\_web.pdf](https://www.regjeringen.no/contentassets/fd89d9e2c39a4ac2b9c9a95bf156089a/facts_2015_energy_and_water_web.pdf)

4)Seminar Paper 1/2011, ISSN 2191-4850 : Renewable Energy Development Hydropower in Norway/Norwegian Ministry of Petroleum and Energy(2008), The Legal Framework (Internet)

[http://www.th-nuernberg.de/fileadmin/Fachbereiche/bw/studienschwerpunkte/international\\_business/Master/CAIFD/Seminarpapers/HydropowerNorway\\_SeminarPaper.pdf](http://www.th-nuernberg.de/fileadmin/Fachbereiche/bw/studienschwerpunkte/international_business/Master/CAIFD/Seminarpapers/HydropowerNorway_SeminarPaper.pdf)

5) The Norwegian-Swedish Electricity Certificate Market( NVE Annual Report 2015)

<https://www.bing.com/search?q=The+Norwegian+Swedish+Electricity+Certificate+Market&form=PRJPJA&httpsmsn=1&refig=3d91687b478e416eb116dd0fc914d89d&pq=the+norwegian+swedish+electricity+certificate+market&sc=0-17&sp=-1&qsn=&sk=>

6) Hydropower and Environment(SHERPA), Intelligent Energy Europe

[https://ec.europa.eu/energy/intelligent/projects/sites/iee-projects/files/projects/documents/sherpa\\_report\\_on\\_environmental\\_integration.pdf](https://ec.europa.eu/energy/intelligent/projects/sites/iee-projects/files/projects/documents/sherpa_report_on_environmental_integration.pdf)

#### **PH00\_ Philippines**

1) World Small Hydropower Development Report 2013, ICSHP

[http://www.ecowrex.org/sites/default/files/documents/news/wshpdr\\_2013\\_benin.pdf](http://www.ecowrex.org/sites/default/files/documents/news/wshpdr_2013_benin.pdf)

2) Peer Review on Low Carbon Energy Policies in the Philippines, APEC

[http://aperc.ieej.or.jp/file/2014/3/14/PRLCE\\_in\\_the\\_Phils\\_Final\\_endorsed.pdf](http://aperc.ieej.or.jp/file/2014/3/14/PRLCE_in_the_Phils_Final_endorsed.pdf)

3) Electricity business in overseas countries, 2014

4) Water Code of the Philippines/Amended Implementing Rules and Regulations

[http://www.nwrp.gov.ph/images/laws/pd1067\\_amended.pdf](http://www.nwrp.gov.ph/images/laws/pd1067_amended.pdf)

5) Water Code of the Philippines/Amended Implementing Rules and Regulations

[http://www.nwrp.gov.ph/images/laws/pd1067\\_amended.pdf](http://www.nwrp.gov.ph/images/laws/pd1067_amended.pdf)

6) World Small Hydropower Development Report 2013

[http://www.ecowrex.org/sites/default/files/documents/news/wshpdr\\_2013\\_benin.pdf](http://www.ecowrex.org/sites/default/files/documents/news/wshpdr_2013_benin.pdf)

#### **PT00\_ Portugal**

1) ESHA\_Stream map\_HYDI Database

<http://www.restor-hydro.eu/en/tools/hydi/>

World Small Hydropower Development Report 2013

[http://www.ecowrex.org/sites/default/files/documents/news/wshpdr\\_2013\\_benin.pdf](http://www.ecowrex.org/sites/default/files/documents/news/wshpdr_2013_benin.pdf)

2) OECD/IEA, Energy Policies of IEA Countries 2009 Review



- 3) Regimes for granting rights to use hydropower in Europe (November 2014)
- 4) World Small Hydropower Development Report 2013  
[http://www.ecowrex.org/sites/default/files/documents/news/wshpdr\\_2013\\_benin.pdf](http://www.ecowrex.org/sites/default/files/documents/news/wshpdr_2013_benin.pdf)
- 5) Renewable energy policy database and support - RES-LEGAL EUROPE, 28 March 2013  
<http://www.res-legal.eu/search-by-country/portugal/single/s/res-e/t/promotion/aid/feed-in-tariff-tarifas-feed-in/lastp/179/>
- 6) Stream Map for Small Hydropower in the EU-27 in the View of 2020 Targets  
<https://ec.europa.eu/energy/intelligent/projects/en/projects/shp-streammap>

#### **UK00\_ United Kingdom**

- 1) ESHA\_ Stream map\_HYDI Database  
<http://www.restor-hydro.eu/en/tools/hydi/>
- 2) ENERGIA, Electric power system in Europe (Report No.468 July 2013)
- 3) A Guide to UK Mini-Hydro Developments(BHA)  
[http://www.british-hydro.org/Useful\\_Information/A%20Guide%20to%20UK%20mini-hydro%20development%20v3.pdf#search=%27A+Guide+to+UK+MiniHydro+Developments%28BHA%29%27](http://www.british-hydro.org/Useful_Information/A%20Guide%20to%20UK%20mini-hydro%20development%20v3.pdf#search=%27A+Guide+to+UK+MiniHydro+Developments%28BHA%29%27)

#### **US00\_ United State**

- 1) ORNL, USA, NHAAP Program  
<http://nhaap.ornl.gov/publications>
- 2) U.S. Army Corps of Engineers, National Inventory of Dams  
<https://catalog.data.gov/dataset/national-inventory-of-dams>
- 3) An Assessment of Energy Potential at Non-Powered Dams in the United States (DOE, April 2012, Oak Ridge National Laboratory)  
[https://www1.eere.energy.gov/water/pdfs/npd\\_report.pdf#search=%27An+Assessment+of+Energy+Potential+at+NonPowered+Dams+in+the+United+States%27](https://www1.eere.energy.gov/water/pdfs/npd_report.pdf#search=%27An+Assessment+of+Energy+Potential+at+NonPowered+Dams+in+the+United+States%27)
- 4) Hydropower/Setting a Course for Our Energy Future  
U.S. Department of Energy, Energy Efficiency and Renewable Energy  
<http://www.nrel.gov/docs/fy04osti/34916.pdf>
- 5) Sandra Zellmer : Chapter 12 Legal Tools for Instream Flow Protection, Integrated Approaches to Riverine Resource Stewardship  
<http://digitalcommons.unl.edu/cgi/viewcontent.cgi?article=1008&context=lawfacpub>
- 6) A survey on the feasibility of the US federal government and major provinces to improve energy efficiency and promote the use of renewable energy, JETRO, September 2010  
[https://www.jetro.go.jp/ext\\_images/jfile/report/07000363/us\\_energy\\_programs.pdf](https://www.jetro.go.jp/ext_images/jfile/report/07000363/us_energy_programs.pdf)
- 7) Database of State Incentives for Renewables & Efficiency(DSIRE)  
<http://programs.dsireusa.org/system/program?fromSir=0&state=AK>
- 8) Rural Energy for America Program(REAP) Grants  
[https://www.rd.usda.gov/BCP\\_ReapResEei\\_Financing.html](https://www.rd.usda.gov/BCP_ReapResEei_Financing.html)
- 9) Tribal Energy Program Grant <http://energy.gov/indianenergy/office-indian-energy-policy-and-programs>

#### **ZA00\_ South Africa**

- 1) Baseline study on Hydropower in South Africa, Barta  
[http://www.scielo.org.za/scielo.php?script=sci\\_arttext&pid=S1021-447X2013000300003](http://www.scielo.org.za/scielo.php?script=sci_arttext&pid=S1021-447X2013000300003)
- 2) W.E. Jonker Klunne : Small hydropower for rural electrification in South Africa – using experiences from other African countries : (Muller)  
[http://researchspace.csr.co.za/dspace/bitstream/10204/3757/1/Jonker%20Klunne\\_d2\\_2009.pdf#search=%27Muller%2C+South+Africa+Newable+Resource+Database+Micro+Hydro+Power+Potential%27](http://researchspace.csr.co.za/dspace/bitstream/10204/3757/1/Jonker%20Klunne_d2_2009.pdf#search=%27Muller%2C+South+Africa+Newable+Resource+Database+Micro+Hydro+Power+Potential%27)
- 3) Szewczuk, Fellows, and van der Linden

- <http://www.smallhydroworld.org/index.php?id=334>
- 4) Electricity generation in South Africa / Department of Energy  
[http://www.energy.gov.za/files/electricity\\_frame.html](http://www.energy.gov.za/files/electricity_frame.html)
  - 5) Eskom Holdings Limited Integrated Report 2011  
[http://financialresults.co.za/2011/eskom\\_ar2011/](http://financialresults.co.za/2011/eskom_ar2011/)
  - 6) Small hydropower in South Africa – an overview of five countries in the region, Journal of Energy in Southern Africa, Vol.24 No.3, August 2013  
<http://www.scielo.org.za/pdf/jesa/v24n3/03.pdf#search=%27Journal+of+Energy+in+Southern+Africa%2C+Vol.24+No.3%2C+August+2013%27>

【References sorted by GPR】

**CA01\_ McNair Creek Hydropower Station :**

- 1) International Water Power & Dam Construction (May 2009): Best of the best in small hydro
- 2) Knight Piésold Ltd (<https://www.knightpiesold.com/en/>)
- 3) Renewable Power Corporation (<http://www.renewablepowercorp.com/>)

**CA02\_ Rutherford Creek Hydropower Station :**

- 1) International Water Power & Dam Construction (May 2009): Best of the best in small hydro
- 2) Knight Piésold Ltd (<https://www.knightpiesold.com/en/>)
- 3) Innergex Renewable Energy Inc. (<http://www.innergex.com/en/>)

**CA03\_ Atlin Hydropower Station:**

- 1) The Atlin hydro project – embodying First Nation principles - International Water Power & Dam Construction, 9 November 2009
- 2) Best Practices in Small Hydro Development – a perspective from British Columbia, Canada, by Matt Hammond, PGL Environmental Consultants
- 3) Generation for Generations, November 04, 2009, Peter Kirby, Taku Land Corporation

**CL01\_ Mallarauco Hydropower Station:**

- 1) EXPO21XX News: Wasserkraft Volk equips a 3.5MW hydro power station in chile  
<http://www.expo21xx.com/news/wasserkraft-volk-3-5mw-hydro-power-station/>
- 2) International Water Power & Dam Construction (17 January 2013): Innovations in Chile  
<http://www.waterpowermagazine.com/features/featureinnovations-in-chile/>
- 3) INDUSTRIA (Octubre 2011): Central Hidroeléctrica Mallarauco “Aportando al abastecimiento energético y al desarrollo del sector agrícola”  
<http://www.emb.cl/electroindustria/articulo.mvc?xid=1704>

**DE01\_ Prater Hydropower Station:**

- 1) Kaori Takigawa, Atsushi Murakami, Noriaki Ikeda, Kaoru Tashro, Madoka Omi: To 100%Renewable Energy! Energy Independence Region in Europe (2013.3: Gakugei Publisher)
- 2) SWM Renewable Energies expansion campaign  
<https://www.swm.de/english/company/energy-generation/renewable-energies.html>
- 3) Praterkraftwerk GmbH (<http://www.praterkraftwerk.de/>)
- 4) Green City Energy AG (<http://www.greencity-energy.com/>)
- 5) Das Praterkraftwerk (Brochure)  
<https://www.greencity-energy.de/wp-content/uploads/2015/06/Praterkraftwerk-von-Green-City-Energy-und-den-Stadtwerken-M%C3%BCnchen.pdf>
- 6) Tajchman, Kristina L. (University of Texas, Community & Regional Planning): IGERT Trip Report Munich, Germany (Summer 2013)  
[http://research.engr.utexas.edu/igertsustainablegrids/images/Germany\\_2013\\_IGERT\\_Trip\\_Report\\_KTajchman.pdf](http://research.engr.utexas.edu/igertsustainablegrids/images/Germany_2013_IGERT_Trip_Report_KTajchman.pdf)
- 7) C40 Blog; Mayors' Voices: Munich Mayor Hep Monatzeder (November 07, 2013)  
[http://www.c40.org/blog\\_posts/mayors-voices-munich-mayor-hep-monatzeder](http://www.c40.org/blog_posts/mayors-voices-munich-mayor-hep-monatzeder)

**JP01\_ Kachugawa Citizens Small Scale Hydro Station:**

- 1) Tsuru City website : <http://www.city.tsuru.yamanashi.jp/forms/top/top.aspx>
- 2) Tsuru City: Tsuru City Report on Regional New Energy Vision and other projects, Summary edition, February 2003
- 3) Yoshimitsu Kobayashi: City Planning Institute of Japan and Japan Association of City Mayors / Reference material for the City Planning Symposium “Discussing 21<sup>st</sup>-century city planning with mayors --- Boosting local capacity”, *Initiative of the Kachugawa Citizens Micro Hydro Station Genki-Kun*, February 2013
- 4) Yokohama National University, Tsuru City, EX Research Institute: FY2012 Report on the Smart

**JP02\_ Taio Small Scale Hydro Station:**

- 1) Hisanori Ito, Tomokazu Shinozaki, Takahiko Nakazawa: Introduction of Micro Hydro in Consideration for Local Revitalization (NEF 71<sup>st</sup> Practical Workshop concerning Medium and Micro Hydro Plant Technology), July 2004
- 2) NEDO: Top 100 New Energy Projects, Taio Micro Hydro Station in Hita City

**JP03\_ Nasunogahara Micro Hydro Plants:**

- 1) Nasunogahara Land Improvement District website:  
<http://www.nasu-lid.or.jp/top/top.htm>
- 2) Emiko Hoshino: The use of idle drop in agricultural canals for developing micro hydro plants (NEF 79<sup>th</sup> Practical Workshop concerning Medium and Micro Hydro Plant Technology), October 2007
- 3) National and Regional Policy Bureau, Ministry of Land, Infrastructure, Transport and Tourism: FY2013 Case Studies concerning Regional Revitalization through the Use of Renewable Energies, March 2014
- 4) Mizkan Center for Water Culture website (Emiko Hoshino, Water Culture Human Network):  
[http://www.mizu.gr.jp/fudoki/people/042\\_hoshino.html](http://www.mizu.gr.jp/fudoki/people/042_hoshino.html)

**JP04\_ Fujioiro Power Station and Daini Power Station:**

- 1) Fujioiro District Project Overview --- Prefectural Irrigation Facility Repair Project ---: Fujioiro Land Improvement District, Oita Prefecture Takeda Naori Revitalization Bureau
- 2) Fujioiro Power Station Overview: Fujioiro Land Improvement District, May 28, 1977
- 3) Completing the Fujioiro Daini Power Station: Fujioiro Land Improvement District, May 14, 1984
- 4) Editorial Committee, Rural Culture Association: "Rural Culture Association's Stance: From Nuclear Power to Agricultural Hydro Power" (Gendai Nogyo, November 2011 issue), Rural Culture Association (General Incorporated Association)  
<http://www.ruralnet.or.jp/syutyu/2011/201111.htm>

**JP05\_ Taishakugawa Power Station, Shin-Taishakugawa Power Station:**

- 1) Ichiro Yoshioka / Chugoku Electric Power Company: Planning, Designing and Implementing the Construction of the Shin-Taishakugawa Power Station (October 2006: The 78<sup>th</sup> workshop on micro and medium hydro power technology / New Energy Foundation (Incorporated Foundation))
- 2) Toshiharu Okita, Ichiro Yoshioka, Shoji Ichihara: Overview of the Construction of the Shin-Taishakugawa Power Station, Electric Power Civil Engineering, No.309, p98 - 101, 2004.1
- 3) Junichi Hayashi, Katsufumi Konishi, Atsushi Mukohara: Protection of Rare Plant and Animal Species in the Construction of the Shin-Taishakugawa Power Station, Electric Power Civil Engineering, No.319, p50 - 54, 2005.9
- 4) Hiroshima Prefecture website:  
<http://www.pref.hiroshima.lg.jp/site/toukei/doukou-index.html>(Statistical information / Trend of tourists visiting Hiroshima Prefecture)
- 5) Motoyuki Inoue, Eiichi Shiraishi: Hydropower as a Renewable Energy Source in a New Era, Science and Technology Trend, p21- 35, 2010.3

**JP06\_ Ochiairo Power Station:**

- 1) Hydropower Division, Tokyo Power Generation Company: "Case Study of Hydro Power Stations" (Basics workshop on NEF hydro power), May 2011
- 2) Colla:j : <http://collaj.jp/data/magazine/2011-07/index.html>

**JP07\_ Kochi Prefecture Public Corporation Bureau's hydropower stations:**

- 1) Electric Engineering Section, Public Corporation Bureau, Kochi Prefectural Government website:  
<https://www.pref.kochi.lg.jp/soshiki/610301/>
- 2) Kami City website: <http://www.city.kami.kochi.jp/>
- 3) Kochi Prefecture Public Corporation Bureau: Kochi Prefecture Public Corporation Bureau's Mid-Term

Management Plan (3<sup>rd</sup>), April 2014

- 4) Kochi Prefecture Public Corporation Bureau: Overview of the Public Corporation Bureau, June 2014

**NO01\_ Ljøsåa Hydropower Plant**

- 1) License application. Småkraft AS, 11182005
- 2) License granted. NVE, 11092006
- 3) Detailed plans for Ljøsåa power plant.  
Multiconsult (consultant), 04252007

**NO02\_ Jorda Hydropower Plant**

- 1) Application. Exemption. Norsk Grønnkraft, 04142008
- 2) Permission granted. NVE, 11242008

**NO03\_ Storfallet and Veslefallet Kraftverk**

- 1) License application. Kiær Mykleby, 08212007
- 2) License granted. NVE, 08122008
- 3) Detail Plan. Ulvig Kiær Kraft AS, 12152008
- 4) Approval of Detail Plan. NVE, 01192009
- 5) Upgrading and Expansion of Hydropower. NVE Publication No.16, 1991
- 6) NVE Map services, <https://www.nve.no/map-services/>

**PH01\_ Ifgao-Ambangal Mini-hydro Project:**

- 1) The Philippine Ifugao-Ambangal Mini-hydro Project (e8 publication):  
<http://www.globalelectricity.org/upload/File/Project%20Communciations/IFUGAO%20publication%20FINAL.pdf>
- 2) GSEP website: <http://www.globalelectricity.org/en/index.jsp?p=121&f=236>

**PT01\_ Canedo Hydropower Station:**

- 1) International Water Power & Dam Construction (July 2009): Best of the best in small hydro
- 2) International Water Power & Dam Construction (December 2009): Canedo hydro plant – an award-winning design

**UK01\_ Eigg Hydropower Stations :**

- 1) Island Power Eigg Electric
- 2) “Best Practice Case Study : Islands going green, Isle of Eigg, Scotland,UK” [www.rets-project.eu](http://www.rets-project.eu)
- 3) Analysis of off-grid electricity system at Isle of Eigg (Scotland): Lessons for developing countries/Renewable Energy  
(journal homepage: [www.elsevier.com/locate/renene](http://www.elsevier.com/locate/renene) )
- 4) BBC NEWS/Eigg powers on with energy scheme
- 5) The Scottish Government/Community Renewable Energy Toolkit  
Case study 17 : Electrification of Eigg, Isle of Eigg – PV, Hydro & Wind turbines  
<http://www.gov.scot/Publications/2009/03/20155542/37>

**UK02\_ TorrsHydropower Station:**

- 1) Best practices Report, REScoop 20-20-20
- 2) torrshydro NEW MILLS, homepage (<http://torrshydro.org/TorrsHydro/>)
- 3) torrshydro NEW MILLS Annual Report 2014-15
- 4) Case Study: Torrs Hydro, Sustainable Funding Project/National Council for Voluntary Organisations

**US01\_ Humpback Creek and Power Creek Hydropower Stations:**

- 1) Home page of Cordova Electric Cooperative, (<http://cordovaelectric.com/>)
- 2) Cordova Electric Cooperative Inc.: Alaska’s Renewable Energy Trailblazers/US Business Executive
- 3) Technical Report No.12-06, Distribution of Resident Dolly Varden in Power Creek, Cordova, 2005-2007/April 2012 Alaska Department of Fish and Game Division of Habitat
- 4) Replacing Diesel Fuel With Hydroelectric Generation, Hydro Review / September 2002
- 5) A Case Study in Community Green Power/Renewable Energy Marketing Conference November 16 2011

**US02\_ Delta Creek Hydropower Station:**

- 1) Hydro-power for a Remote Alaskan Community, CADDET Technical Brochure No.37
- 2) King Cove Hydroelectric Project/1995 Engineering Excellence Awards, HDR Engineering, Inc.
- 3) Aleutian & Pribilof Islands Regional Energy Plan Phase 1 Resource Inventory(Draft), 2013

**ZA01\_ Bloemwater Conduit Hydropower Station:**

- 1) Van Vuuren SJ, Van Dijk M, Loots I, Barta B and Scharfetter BG (2014): “Conduit hydropower development guide” (WRC Report no. TT 597/14), Water Research Commission  
[http://www.wrc.org.za/Pages/DisplayItem.aspx?ItemID=10971&FromURL=%2fPages%2fKH\\_AdvancedSearch.aspx%3fdt%3d%26ms%3d%26d%3dConduit+Hydropower+development+guide%26start%3d1](http://www.wrc.org.za/Pages/DisplayItem.aspx?ItemID=10971&FromURL=%2fPages%2fKH_AdvancedSearch.aspx%3fdt%3d%26ms%3d%26d%3dConduit+Hydropower+development+guide%26start%3d1)
- 2) Van Vuuren SJ, Van Dijk M and Loots I (2014): “Conduit hydropower pilot plants” (WRC Report no. TT 596/14), Water Research Commission  
[http://www.wrc.org.za/Pages/DisplayItem.aspx?ItemID=10970&FromURL=%2fPages%2fKH\\_AdvancedSearch.aspx%3fdt%3d%26ms%3d%26d%3dConduit+Hydropower+pilot+plants%26start%3d1](http://www.wrc.org.za/Pages/DisplayItem.aspx?ItemID=10970&FromURL=%2fPages%2fKH_AdvancedSearch.aspx%3fdt%3d%26ms%3d%26d%3dConduit+Hydropower+pilot+plants%26start%3d1)
- 3) The Power of Hydro: Bloemwater Conduit Hydropower Plant Project video (YouTube)  
<https://www.youtube.com/watch?v=um4aIk53hrs>
- 4) Marco van Dijk (2014) “Conduit hydropower: An alternative sustainable renewable energy source”, University of Pretoria  
[http://www.up.ac.za/media/shared/404/ZP\\_Files/Innovate%2009/Articles/conduit-hydropower\\_van-dijkw eb.zp40154.pdf](http://www.up.ac.za/media/shared/404/ZP_Files/Innovate%2009/Articles/conduit-hydropower_van-dijkw eb.zp40154.pdf)