

ICS 27.140
CCS P 59

NB

**ENERGY INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

NB/T 10102-2018

Replacing DL/T 5377-2007

**Code for inventory survey and census of land requisition for
hydropower projects**

水电工程建设征地实物指标调查规范

Issued on: December 25, 2018

Implemented on: May 1, 2019

Issued by: National Energy Administration of the PRC

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Foreword

This document was issued on 25 December 2018 by the National Energy Administration of the PRC and takes effect on 1 May 2019.

It is a NB/T standard: recommended rather than compulsory, but it is the text a Chinese reviewer applies when assessing a submission.

It is classified under ICS 27.140, Chinese classification P 59.

It replaces DL/T 5377-2007, which is superseded.

This Code has been revised in accordance with the requirements of the Notice of the National Energy Administration on Issuing the 2015 Plan for the Formulation and Revision of Sector Standards in the Energy Field (Guo Neng Ke Ji [2015] No. 283). The drafting group carried out extensive investigation and research, earnestly summarized practical experience, and revised this Code on the basis of a wide solicitation of opinions.

The main technical contents of this Code are: basic requirements, rural survey, survey of city and town, special item survey, enterprise and public institution survey, social and economic survey, and requirements and results for staged work.

The main technical contents revised in this Code are set out in the items below.

A chapter on the enterprise and public institution survey has been added.

A chapter on the social and economic survey has been added.

A chapter on the requirements and results for staged work has been added.

The contents relating to the organization and the procedure of the inventory survey and census have been deleted.

The contents relating to the relocatee population and to the land survey have been supplemented and improved.

The contents relating to the memorial facilities for heroes and martyrs have been supplemented and improved.

This Code is under the administration of the National Energy Administration. The China Renewable Energy Engineering Institute (Hydropower and Water Resources Planning and Design General Institute) proposed this Code and is responsible for its routine administration, while the Standardization Technical Committee for Hydropower Planning and Reservoir Environmental Protection of the energy sector is responsible for the interpretation of its specific technical contents. Comments and suggestions arising during implementation should be sent to the China Renewable Energy Engineering Institute, at No. 2 Liupukang Beixiaojie, Xicheng District, Beijing, postcode 100120.

As stated on the title page, the chief editing department of this Code is the China Renewable Energy Engineering Institute, the approving authority is the National Energy Administration, and the date of implementation is 1 May 2019.

Chief editing organizations of this Code: China Renewable Energy Engineering Institute; PowerChina Kunming Engineering Corporation Limited.

Participating editing organizations of this Code: PowerChina Zhongnan Engineering Corporation Limited; PowerChina Guiyang Engineering Corporation Limited; Guodian Dadu River Hydropower Development Company Limited.

The Code was prepared by twenty-one chief drafters and examined by twenty-five chief reviewers, whose names are listed individually in the Chinese foreword of the printed standard.

Appendices and Back Matter

The Code carries six appendices of survey forms, which occupy pages 33 to 92 of the

printed standard and account for the greater part of its length.

Appendix A, Form for Rural Inventory Survey and Census of Land Requisition, page 33.

Appendix B, Form for City and Town Inventory Survey and Census of Land Requisition, page 40.

Appendix C, Form for Special Item Inventory Survey and Census of Land Requisition, page 47.

Appendix D, Form for Enterprise and Public Institution Inventory Survey and Census of Land Requisition, page 56.

Appendix E, Form for Society and Economy of Land Requisition, page 58.

Appendix F, Summary of Inventory Survey and Census for Land Requisition, page 64.

Explanation of Wording in This Code, page 93.

List of Quoted Standards, page 94, which includes the current national standard GB/T 17986.1 and the current sector standard DL/T 5064 cited in the body of the Code.

Addition: Explanation of Provisions, page 95, which gives the drafting group's explanation of the individual provisions.

1 Scope

NB/T 10102-2018 sets out how the physical inventory is surveyed on land requisitioned for a hydropower project, replacing DL/T 5377-2007. Before a reservoir is filled, everything that will be inundated or taken has to be counted and recorded, because that count is the basis on which every household and enterprise is compensated and resettled: the code exists to make the count defensible. It fixes the scope and the timing of the survey, the boundary within which the inventory is taken, and the organisation and responsibilities of the survey team including the participation of the affected people and of local government. It then specifies the survey of each category of indicator: population and households, rural and urban housing with its structure and area, cultivated land and other land by type and grade, fruit and timber trees by species and age, enterprises and institutions with their buildings, plant and output, infrastructure such as roads, power and telecommunication lines, water supply and irrigation works, and cultural relics and burial sites. For each it gives the measurement method, the unit, the classification used and the evidence retained. The code closes with the compilation and checking of the results, the public disclosure and confirmation by those affected, and the survey report and its supporting drawings and registers. It applies to hydropower projects of all grades in China.

1.0.1 This Code is formulated in order to standardize the work of inventory survey and census of the land requisitioned for the construction of hydropower projects.