

Annex 5 Hot Spring Industry Development Impact Analysis Report

I. Instructions for the Report Format

1. The plan shall be prepared on A4-sized paper, in portrait orientation, written from left-to-right, printed double-sided, with a cover page, and bound into a booklet. Chapter titles shall use DFKai-SB 16-point font; section titles shall use DFKai-SB 14-point font; body text shall use DFKai-SB 12-point font. However, the font size within tables is not subject to these restrictions. Line spacing shall be a fixed line height of 24 pt.
2. Numbering rules: Sections: Use the format of “Section 1”, “Section 2”, etc. Sub-sections: Use hierarchical numbering, such as I, II...; (I), (II)...; 1., 2...; (1), (2)...; A, B... Sample format for reference as follows:

Section 1 Background and Objectives of the Plan (16-point font)

I. Background and Objectives of the Plan (14-point font)

II. Work Items and Content

(I) Text Item (14-point font)

1. Text Item 1 (12-point font)

(1) Text Item 2

A. Text Item 3

(A) Text Item 4

a. Text Item 5

(a) Text Item 6

3. Page numbers shall be arranged in sequence for ease of reference.
4. All references and survey data shall specify their sources and dates.
5. All information shall be consistent throughout the plan and shall be filled in or listed based on actual conditions.
6. Please use yellow (Y100, M20) for the cover.
7. All monetary amounts shall be expressed in thousands of New Taiwan Dollars (NTD), rounded to the nearest integer.

II. Cover Page Format

Confidential

Hot Spring Industry Development Impact Analysis Report

Applicant:

Year Month

III. Spine (Side Binding) Format

Hot Spring Industry Development Impact Analysis Report

Applicant (Full Name)

IV. List of Plan Sections

(Please do not change the order of sections or remove any content. Additional explanatory content may be added at the end of sections as needed.)

Table of Contents

- Section 1 Overview of the Hot Spring Area Where the Development Site is Located
 - I. The Development Site and the scope of the hot spring area
 - II. Distribution of hot spring resources (including hot spring distribution maps and hot spring geological maps for the hot spring area, with a scale of at least 1:50,000)
 - III. Mechanisms of hot spring formation and descriptions of water quality
 - IV. Current utilization of hot spring resources (including assessments of reservoir capacity, recharge, and extraction within the hot spring area; and groundwater level monitoring data from nearby hot spring wells or observation wells)
- Section 2 Impact Area of Geothermal Power Generation Extraction and Reinjection
 - I. Description of production and reinjection methods (including production well and reinjection well locations, screen depths, maximum extraction volume, and reinjection volume)
 - II. Geothermal conceptual model
 - III. Establishment of numerical models and parameters used
 - IV. Numerical simulation results
 - (I) Production simulation results (including influence range of flow rate and pressure for various extraction quantities)
 - (II) Reinjection simulation results (including influence range of flow rate, pressure, and temperature for various reinjection rates)
- Section 3 Impact Analysis of Geothermal Power Generation on Hot Spring Industry Development
 - I. Impact analysis on hot spring resources (water quantity, water quality, and temperature)
 - II. Avoidance or mitigation strategies
 - III. Response and compensation measures in the event of significant impacts during operation

IV. Local communication and explanation

Section 4 Other Supplementary Explanations

List of Figures

List of Tables