

# GEYSERS POWER COMPANY LLC GREEN LOAN

## DNV GL PRE ISSUANCE VERIFICATION ASSURANCE OPINION

### Scope and Objectives

Geysers Power Company LLC (“GPC” or “Borrower”) is considering the execution of a loan in USD (henceforth referred to as “LOAN”) and has submitted the proposed Loan for verification and certification against the Climate Bonds Standard (CBS). DNV GL notes that the requirements of the CBS meet and exceed the guidance set out in the Loan Market Association’s Green Loan Principles 2020.

GPC intends to use the proceeds of the LOAN to refinance a nominated project falling under the following category:

- Renewable Energy – Geothermal

DNV GL Business Assurance USA, Inc (henceforth referred to as “DNV GL”) has been commissioned by GPC to provide verification of the LOAN as an independent and approved verifier under the Climate Bonds Standard. Our criteria and information covered to achieve this is described under ‘Work Undertaken’ below.

No assurance is provided regarding the financial performance of the LOAN, the value of any investments in the LOANS, or the long term environmental benefits of the transaction. Our objective has been to provide an assessment that the LOAN has met the criteria of the Climate Bonds Standard and the associated Technical Criteria.

The scope of this DNV GL opinion is limited to:

- the Climate Bonds Standard Version 2.1 and the following associated Sector Technical Criteria:
  - Geothermal Power

### Responsibilities of the Management of GPC and DNV GL

The management of GPC has provided the information and data used by DNV GL during the delivery of this review. Our statement represents an independent opinion and is intended to inform GPC management and other interested stakeholders in the LOAN as to whether the established criteria have been met, based on the information provided to us. In our work we have relied on the information and the facts presented to us by GPC.

DNV GL is not responsible for any aspect of the nominated assets referred to in this opinion and cannot be held liable if estimates, findings, opinions, or conclusions are incorrect. Thus, DNV GL shall not be held liable if any of the information or data provided by GPC’s management and used as a basis for this assessment were not correct or complete.

## Basis of DNV GL's opinion

DNV GL has conducted the verification against the CBS v2.1 and associated Sector Technical Criteria through the creation and execution of a verification protocol addressing each requirements of the CBS v2.1 and the Geothermal Power Technical Criteria. The detail of areas covered in the DNV GL verification is summarised in Schedule 2 below.

## Work undertaken

Our work constituted a high level review of the available information, based on the understanding that this information was provided to us by GPC in good faith. We have not performed an audit or other tests to check the veracity of the information provided to us. The work undertaken to form our opinion included:

- Creation and execution of a Climate Bonds Standard Protocol, adapted to include the relevant Sector Technical Criteria for the LOAN nominated projects and assets, as described above and in Schedule 2 to this Opinion;
- Assessment of documentary evidence provided by GPC on the LOAN and supplemented by a high-level desktop research, onsite visit for documentation review and interviews with key personnel from the Borrower GPC. These checks refer to current assessment best practices and standards methodology;
- Discussions with GPC management, and review of relevant documentation;
- Inspection of a sample of nominated project sites;
- Documentation of findings against each element of the criteria. Our opinion as detailed below is a summary of these findings.

## Findings and DNV GL's opinion

DNV GL has performed the Pre Issuance Verification of the GPC Green Loan. It is DNV GL's responsibility to provide an independent verification statement on the compliance of the GPC Green Loan with the Climate Bonds Standard and alignment with the Loan Market Association Green Loan Principles 2020.

DNV GL conducted the verification in accordance with the Climate Bonds Standard Version 2.1 and with International Standard on Assurance Engagements *3000 Assurance Engagements other than Audits or Reviews of Historical Information*. The verification included i) checking whether the provisions of the Climate Bonds Standard were consistently and appropriately applied and ii) the collection of evidence supporting the verification.

DNV GL's verification approach draws on an understanding of the risks associated with conforming to the Climate Bonds Standard and the controls in place to mitigate these. DNV GL planned and performed the verification by obtaining evidence and other information and explanations that DNV GL considers necessary to give limited assurance that the GPC Green Loan meets the requirements of the Climate Bonds Standard.

Based on the limited assurance procedures conducted, nothing has come to our attention that causes us to believe that the GPC Green Loan is not, in all material respects, in accordance with the Pre Issuance requirements of the Climate Bonds Standard Version 2.1 and associated Geothermal Power Technical Criteria. DNV GL also confirms that the GPC Green Loan is aligned with the Green Loan Principles 2020.

for DNV GL Business Assurance USA, Inc.

Oakland, 3 June 2020



**Natasha D'Silva**  
Lead Verifier  
DNV GL Business Assurance



**Mark Robinson**  
Reviewer  
DNV GL Business Assurance

### About DNV GL

Driven by our purpose of safeguarding life, property and the environment, DNV GL enables organisations to advance the safety and sustainability of their business. Combining leading technical and operational expertise, risk methodology and in-depth industry knowledge, we empower our customers' decisions and actions with trust and confidence. We continuously invest in research and collaborative innovation to provide customers and society with operational and technological foresight. With our origins stretching back to 1864, our reach today is global. Operating in more than 100 countries, our 16,000 professionals are dedicated to helping customers make the world safer, smarter and greener.

**SCHEDULE 1: DESCRIPTION OF NOMINATED ASSETS**

Eligible Projects & Assets Category	Sub category	Projects	Loan Facility (USDm)
Renewable Energy	Geothermal	The Geysers Geothermal Project	900
<b>Total</b>			<b>900</b>

## SCHEDULE 2: CLIMATE BONDS STANDARD VERIFICATION CRITERIA

### Summary criteria for assertions of compliance with the Climate Bonds Standard v2.1

The criteria against which GPC and its nominated projects and assets have been reviewed prior to inclusion in the Loan are grouped under the requirements as detailed within the Climate Bonds Standard Version 2.1 including:

#### Part A: General Requirements

Area	Requirement
Project Nomination	The Climate Loan issued must specify the project collateral or physical assets with which it is associated
Use of Proceeds	Proceeds must be allocated to Nominated Project(s)
Non-Contamination	Borrowers are permitted a grace period to allocate or re-allocate funds to Nominated Project(s)
Confidentiality	The information disclosed to the Verifier and the Climate Bonds Standards Board may be subject to confidentiality arrangements
Reporting	Reporting on use of proceeds and nominated projects and assets

#### Part B: Low Carbon Contribution - Eligible projects and physical assets

Nominated projects and assets include financing of or investments in equipment and systems which enable the mitigation of greenhouse gasses, as detailed in Appendix B.

Area	Requirement
Geothermal Energy Generation	<p>Criterion 1: Emissions threshold</p> <p>Criterion 2: Emissions mitigation technology and/or plant design</p>

	Criteria 3 & 4: Environmental, health, safety and social criteria
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**Part C: Loan structures**

Area	Requirement
Project Holding	The Borrower of a Climate Bonds Standard Certified Loan with Nominated Projects linked to a portfolio of assets must continue to hold eligible assets at least equal to the Fair Market Value at the time of Loan of the original principal
Settlement Period	Climate Loan borrowing entities must demonstrate that the proceeds of a Climate Loan have been allocated to the Nominated Project(s) within 24 months after the bond is issued
Earmarking	The Borrower of the bond shall maintain the earmarking process to manage and account for funding to the nominated projects and assets.