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1. 2020年11月15日，中国石化集团（以下简称“中石化”）与中石油集团（以下简称“中石油”）签署战略合作协议，双方同意在“十四五”期间，共同推进“一带一路”沿线国家油气资源合作，共同推进“一带一路”沿线国家油气资源合作，共同推进“一带一路”沿线国家油气资源合作。

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★ 必维认证（北京）有限公司

★ 必维认证（北京）有限公司 为必维集团在中国的分支机构

★ 持有中国合格评定委员会

注册号：CNAS-01-01-01-01-0001

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核查组长：当洁

核查日期：2026年6月29日

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必维认证（北京）有限公司授权代表

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温室气体排放核查意见书附件

南海海缆有限公司委托必维认证（北京）有限公司对其的报告边界范围内的温室气体排放进行第三方核查，核查的关键信息如下：

- GWP 版本：IPCC AR6
- 温室气体类型：CO₂、CH₄、N₂O、HFCs、PFCs、SF₆、NF₃

温室气体排放量*（基于市场）	7,150,010.10
范围 1 直接温室气体排放	1,529.95
范围 2 输入能源的间接温室气体（基于位置）	10,841.03
范围 2 输入能源的间接温室气体（基于市场）	7,390.58

范围 3.6 电力消耗

27.43

范围 3.7 热力消耗

284.92



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Greenhouse Gases Verification Opinion

is awarded to

SOUTH SEA SUBMARINE CABLE CO., LTD.

Bureau Veritas Certification (Singapore) Pte. Ltd. has engaged to conduct an independent verification of greenhouse gases (GHG) emissions reported by South Sea Submarine Cable Co., Ltd. for the period stated below. This verification opinion applies to the related information included within the scope of work described below.

Boundaries cover:

1. The scope of the verification is limited to the GHG emissions reported by South Sea Submarine Cable Co., Ltd. for the period stated below.

2. The verification is limited to the GHG emissions reported by South Sea Submarine Cable Co., Ltd. for the period stated below.

3. The verification is limited to the GHG emissions reported by South Sea Submarine Cable Co., Ltd. for the period stated below.

4. The verification is limited to the GHG emissions reported by South Sea Submarine Cable Co., Ltd. for the period stated below.

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26. The verification is limited to the GHG emissions reported by South Sea Submarine Cable Co., Ltd. for the period stated below.

27. The verification is limited to the GHG emissions reported by South Sea Submarine Cable Co., Ltd. for the period stated below.

28. The verification is limited to the GHG emissions reported by South Sea Submarine Cable Co., Ltd. for the period stated below.

Verification conclusion:



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Appendix for Greenhouse Gases Verification Opinion

South Sea Submarine Cable Co., Ltd. has commissioned Bureau Veritas Certification (Beijing) Co., Ltd. to conduct a third-party verification on the GHG emissions within its reporting boundary. Key information is listed below:

- GHG source: IPCC AR6
- Types of GHG: CO₂、CH₄、N₂O、HFCs、PFCs、SF₆、NF₃

Comprehensive GHG Emissions Data Sheet

Scope & Category	Quantity (tCO ₂ e)
Total quantified emissions(location based)	7,152,160.56
Total quantified emissions(market based)	7,150,715.01
Scope 1 Direct GHG emissions	1,529.95
Scope 2 Indirect GHG emissions from imported energy(location-based)	10,841.03
Scope 2 Indirect GHG emissions from imported energy(market-based)	7,390.58
Scope 3-1 Purchased goods and services	156,688.95
Scope 3-2 Capital goods	1,835.82
Scope 3-3 Fuel- and energy-related activities	2,595.03
Scope 3-4 Upstream transportation and distribution	36,892.29
Scope 3-5 Waste generated in operations	58.36
Scope 3-6 Business travel	27.43
Scope 3-7 Employee commuting	284.92
Scope 3-8 Upstream leased assets	6.44
Scope 3-9 Downstream transportation & distribution	959.48
Scope 3-10 Processing of sold products	1,322.04
Scope 3-11 Use of sold products	6,927,558.77
Scope 3-12 End of life treatment of sold products	12,360.06
Scope 3-13 Downstream leased assets	-
Scope 3-14 Franchises	-
Scope 3-15 Joint Ventures	-

Certification body address: Room 02, 9 / F, West Office Building 1, Oriental Economic and Trade City, Oriental Plaza, No.1 East Chang'an Street, Dongcheng District, Beijing, China. 100738

Further clarifications regarding the verification scope of this opinion may be obtained by consulting the organization.

To check this opinion validity please call: +86 10 5966 8243 or +86 20 83073800