



## CERTIFICATE

Awarded to

RATCH Group Public Company Limited (Head Office)

Company address verified: 72 Ngam Wong Wan Road, Bangkhen, Muang Nonthaburi,  
Nonthaburi, 11000

Thailand Greenhouse Gas Management Organization certifies that  
the quantity of Greenhouse Gas of the above organization has been verified  
by LRQA (THAILAND) LIMITED  
and found to be in accordance with the requirements of the standard detailed below.

Standard

### TGO Guidance of the Carbon Footprint for Organization

Verification Period: [01/01/2022 - 31/12/2022]

Total Greenhouse Gas Emission (Scope 1&2): 904 tonCO<sub>2</sub>e/year

|                               |                               |
|-------------------------------|-------------------------------|
| Direct GHG emissions          | 58 tonCO <sub>2</sub> e/year  |
| Energy Indirect GHG emissions | 846 tonCO <sub>2</sub> e/year |
| Other Indirect GHG emissions  | 46 tonCO <sub>2</sub> e/year  |

The agreed level of assurance is: Limited, at materiality of 5%

Registration Date: 31 May 2023

Mr. Kiatchai Maitriwong  
Executive Director

Thailand Greenhouse Gas Management Organization (Public Organization)

Certificate Number:  
TGO CFO FY23-06-232



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THAILAND GREENHOUSE GAS  
MANAGEMENT ORGANIZATION  
(Public Organization)



## CERTIFICATE

Awarded to

Ratchaburi Electricity Generating Company Limited

Company address verified: 128 MOO 6, Phikunthong, Mueang, Ratchaburi 70000 Thailand

Thailand Greenhouse Gas Management Organization certifies that  
the quantity of Greenhouse Gas of the above organization has been verified  
by LRQA (THAILAND) LIMITED  
and found to be in accordance with the requirements of the standard detailed below.

Standard

### TGO Guidance of the Carbon Footprint for Organization

Verification Period: [01/01/2022 - 31/12/2022]

Total Greenhouse Gas Emission (Scope 1&2): 6,324,668 tonCO<sub>2</sub>e/year

|                               |           |                           |
|-------------------------------|-----------|---------------------------|
| Direct GHG emissions          | 6,302,398 | tonCO <sub>2</sub> e/year |
| Energy Indirect GHG emissions | 22,270    | tonCO <sub>2</sub> e/year |
| Other Indirect GHG emissions  | 2,729,674 | tonCO <sub>2</sub> e/year |

The agreed level of assurance is: Limited, at materiality of 5%

Registration Date: 31 May 2023

Mr. Kiatchai Maitriwong  
Executive Director

Thailand Greenhouse Gas Management Organization (Public Organization)



## CERTIFICATE

Awarded to

NAVA NAKORN ELECTRICITY GENERATING Co.,Ltd.

Company address verified: 111 Moo 20, Phaholyothin Road, Klong Nueng, Klong  
Luang, Phatumthani 12120

Thailand Greenhouse Gas Management Organization certifies that  
the quantity of Greenhouse Gas of the above organization has been verified  
by LRQA (THAILAND) LIMITED  
and found to be in accordance with the requirements of the standard detailed below.

Standard

### TGO Guidance of the Carbon Footprint for Organization

Verification Period: [01/01/2022 - 31/12/2022]

Total Greenhouse Gas Emission (Scope 1&2): 485,978 tonCO<sub>2</sub>e/year

|                               |                                   |
|-------------------------------|-----------------------------------|
| Direct GHG emissions          | 485,947 tonCO <sub>2</sub> e/year |
| Energy Indirect GHG emissions | 31 tonCO <sub>2</sub> e/year      |
| Other Indirect GHG emissions  | 153,777 tonCO <sub>2</sub> e/year |

The agreed level of assurance is: Limited, at materiality of 5%

Registration Date: 31 May 2023

Mr. Kiatchai Maitriwong  
Executive Director

Thailand Greenhouse Gas Management Organization (Public Organization)

Certificate Number:  
TGO CFO FY23-03-327



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THAILAND GREENHOUSE GAS  
MANAGEMENT ORGANIZATION  
(Public Organization)



## CERTIFICATE

Awarded to

Ratch Cogeneration Company Limited

Company address verified: 8/22 Moo 18 Klongnueng, Klongluang, Pathumthani 12120  
Thailand

Thailand Greenhouse Gas Management Organization certifies that  
the quantity of Greenhouse Gas of the above organization has been verified  
by LRQA (THAILAND) LIMITED  
and found to be in accordance with the requirements of the standard detailed below.

Standard

### TGO Guidance of the Carbon Footprint for Organization

Verification Period: [01/01/2022 - 31/12/2022]

Total Greenhouse Gas Emission (Scope 1&2): 307,693 tonCO<sub>2</sub>e/year

|                               |                                   |
|-------------------------------|-----------------------------------|
| Direct GHG emissions          | 307,544 tonCO <sub>2</sub> e/year |
| Energy Indirect GHG emissions | 149 tonCO <sub>2</sub> e/year     |
| Other Indirect GHG emissions  | 88,316 tonCO <sub>2</sub> e/year  |

The agreed level of assurance is: Limited, at materiality of 5%

Registration Date: 28 June 2023

Mr. Kiatchai Maitriwong

Executive Director

Thailand Greenhouse Gas Management Organization (Public Organization)