

**फॉर्मेट एस3: आरपीसी द्वारा आरआरएस प्रदाता के पैरामीटर/ Format AS3:**  
**RRAS Provider Parameters by RPC**

**From:** NERPC

**To:** Nodal Agency (NLDC, Delhi)

(Name of RRAS Provider Generating Station) **Agartala Gas Based Power Station**

(Name of Owner Organization) **North Eastern Electric Power Corporation Limited (NEEPCO)**

**Validity of the Information**

**From:** 16/08/2025

**To:** 15/09/2025

**Date:** 14/08/2025

| S.No. | Title/Parameters                                                   | Values/Data                                                                                         |
|-------|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| a)    | Number of Generating Units                                         | 4x21MW+2x23MW                                                                                       |
| b)    | Total Installed Capacity (MW)                                      | 130                                                                                                 |
| c)    | Maximum possible Ex-bus injection (MW) (including overload if any) | 126                                                                                                 |
| d)    | Technical Minimum (MW)                                             | 69.28                                                                                               |
| e)    | Type of Fuel                                                       | Natural Gas                                                                                         |
| f)    | Region                                                             | N.E.R                                                                                               |
| g)    | Bid area                                                           | A1                                                                                                  |
| h)    | Fixed Cost (Paise/kWh up to one decimal place)                     | 230.90 (for July,2025)                                                                              |
| i)    | Variable Cost (Paise/kWh up to one decimal place)                  | 490.70 (for July,2025)<br>660.9 (for July,2025) For Open cycle                                      |
| j)    | Ramp-Up Rate (MW/Min) for each unit                                | GTG 1-4: 2 MW/min<br>STG1-2: 0.5 MW/min                                                             |
| k)    | Ramp- Down Rate (MW/Min) for each unit                             | GTG 1-4: 2 MW/min<br>STG1-2: 0.5 MW/min                                                             |
| l)    | Start-up Time from Cold Start (in Min) & Warm Start of each unit   | Cold Start<br>GTG 1-4: 25 min<br>STG1-2: 480-600 min                                                |
|       |                                                                    | Warm Start<br>GTG 1-4: 25 min<br>STG1-2: 240 min                                                    |
| m)    | Any other information                                              | Minimum Loading of Gas Turbines must be at least 18 MW each for taking individual HRSG into service |

Signature of Authorized Signatory (With Stamp)

*(Signature)*  
 Name: **डी. के. बौरी / D. K. Bouri**  
 Designation: **निदेशक, आरआरएस (सीपाइएस) / Director, RRAS (SEPPS)**  
**उप. नि. वि. स. / N.E.R.P.C.**  
**विद्युत मंत्रालय / Ministry of Power**  
**Government of India**

**(निदेशक, आरआरएस (सीपाइएस) / Director, RRAS (SEPPS))**  
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**RRAS Provider Parameters by RPC**

**From: NERPC**

**To: Nodal Agency (NLDC, Delhi)**

(Name of RRAS Provider Generating Station) **Assam Gas Based Power Station (Kathalguri)**

(Name of Owner Organization) **North Eastern Electric Power Corporation Limited (NEEPCO)**

**Validity of the Information**

**From: 16/08/2025**

**To: 15/09/2025**

**Date: 14/08/2025**

| S.No. | Title/Parameters                                                   | Values/Data                                                          |
|-------|--------------------------------------------------------------------|----------------------------------------------------------------------|
| a)    | Number of Generating Units                                         | 6x33.5MW+3x30 MW                                                     |
| b)    | Total Installed Capacity (MW)                                      | 291                                                                  |
| c)    | Maximum possible Ex-bus injection (MW) (including overload if any) | 110%                                                                 |
| d)    | Technical Minimum (MW)                                             | 155.65                                                               |
| e)    | Type of Fuel                                                       | Natural Gas                                                          |
| f)    | Region                                                             | N.E.R                                                                |
| g)    | Bid area                                                           | A2                                                                   |
| h)    | Fixed Cost (Paise/kWh up to one decimal place)                     | <b>244.10 (for July,2025)</b>                                        |
| i)    | Variable Cost (Paise/kWh up to one decimal place)                  | <b>476.20 (for July,2025)</b>                                        |
| j)    | Ramp-Up Rate (MW/Min) for each unit                                | GTG 1-4: 2.27 MW/min<br>GTG 5&6: 4.28 MW/min<br>STG 1-3: 3.00 MW/min |
| k)    | Ramp- Down Rate (MW/Min) for each unit                             | GTG 1-4: 2.27 MW/min<br>GTG 5&6: 4.28 MW/min<br>STG 1-3: 3.00 MW/min |
| l)    | Start-up Time (in Min) from Cold Start & Warm Start of each unit   | Cold Start<br>GTG 1-4: 28 min<br>GTG 5&6: 22 min<br>STG 1-3: 180 min |
|       |                                                                    | Warm Start<br>GTG 1-4: 13 min<br>GTG 5&6: 7 min<br>STG 1-3: 30 min   |
| m)    | Any other information                                              | NIL                                                                  |

Signature of Authorized Signatory (With Stamp)

Name: डी. के. बौरि  
Dinesh Kumar Bauri, IES(CPES)

Designation: निदेशक/Director

उ.पू.के.वि.स. / N.E.R.P.C.  
विद्युत मंत्रालय / Ministry of Power  
Government of India

**फॉर्मेट एस3: आरपीसी द्वारा आरआरएस प्रदाता के पैरामीटर/ Format AS3:**  
**RRAS Provider Parameters by RPC**

**From:** NERPC

**To:** Nodal Agency (NLDC, Delhi)

(Name of RRAS Provider Generating Station) **LOKTAK HEP**

(Name of Owner Organization) **NHPC Limited**

**Validity of the Information**

**From:** 16/08/2025

**To:** 15/09/2025

**Date:** 14/08/2025

| S.No. | Title/Parameters                                                           | Values/Data   |
|-------|----------------------------------------------------------------------------|---------------|
| a)    | Number of Generating Units                                                 | 3x35          |
| b)    | Total Installed Capacity (MW)                                              | 105           |
| c)    | Maximum possible Ex-bus injection (MW) (including overload if any)         | 105 MW*       |
| d)    | Technical Minimum (MW)                                                     | N.A           |
| e)    | Type of Fuel                                                               | WATER         |
| f)    | Region                                                                     | N.E.R         |
| g)    | Bid area                                                                   | A1            |
| h)    | Fixed Cost (Paise/kWh up to one decimal place)                             | 194.5         |
| i)    | Variable Cost (Paise/kWh up to one decimal place)                          | 194.5         |
| j)    | Ramp-Up Rate (MW/Min) for each unit                                        | 25 MW per min |
| k)    | Ramp- Down Rate (MW/Min) for each unit                                     | 25 MW per min |
| l)    | Start-up Time from Cold Start (in Min) / Warm Start/Hot Start of each unit | 15 min        |
| m)    | Any other information                                                      |               |

\* As per water availability

Signature of Authorized Signatory (With Stamp)

*दिनेश कुमार बाउरी*  
*14/08/2025*

Name: डी. के. बाउरी / **Dinesh Kumar Bauri, ES(CPES)**

Designation: निदेशक / **Director / N.E.R.P.C.**

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(निदेशक) निदेशक, न.ए.पी.सी.  
**Dinesh Kumar Bauri, ES(CPES)**  
 निदेशक / **Director**  
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फॉर्मेट एस3: आरपीसी द्वारा आरआरएस प्रदाता के पैरामीटर/ Format AS3:

(Name of RRAS Provider Generating Station) **Bongaigaon Thermal Power**

Plant (Name of Owner Organization) **NTPC Limited**

**From:** 16/08/2025

**Date:** 14/08/2025

| S.No. | Title/Parameters                                                           | Values/Data                                                                                                                                                           |
|-------|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| a)    | Number of Generating Units                                                 | 3x250 MW                                                                                                                                                              |
| b)    | Total Installed Capacity (MW)                                              | 750                                                                                                                                                                   |
| c)    | Maximum possible Ex-bus injection (MW) (including overload if any)         | 238.90 MW per unit                                                                                                                                                    |
| d)    | Technical Minimum (MW)                                                     | 375.39                                                                                                                                                                |
| e)    | Type of Fuel                                                               | Coal                                                                                                                                                                  |
| f)    | Region                                                                     | N.E.R                                                                                                                                                                 |
| g)    | Bid area                                                                   | A2                                                                                                                                                                    |
| h)    | Fixed Cost (Paise/kWh up to one decimal place)                             | <b>240.60</b>                                                                                                                                                         |
| i)    | Variable Cost (Paise/kWh up to one decimal place)                          | <b>364.30</b>                                                                                                                                                         |
| j)    | Ramp-Up Rate (MW/Min) for each unit                                        | 2.28 MW per min (ex Bus)                                                                                                                                              |
| k)    | Ramp- Down Rate (MW/Min) for each unit                                     | 2.28 MW per min (ex Bus)                                                                                                                                              |
| l)    | Start-up Time from Cold Start (in Min) / Warm Start/Hot Start of each unit | Cold Start: 600 min<br>Warm Start: 360 min<br>Hot Start: 66 Min                                                                                                       |
| m)    | Any other information                                                      | Warm start up time: 10 hr.<br>(i.e. 600 min.) if RSD>12 hr.<br>Cold start up time: 23 hr.<br>(i.e. 1380 min.) if RSD>4 days as boiler will be kept under preservation |

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Designation: निदेशक/Director

विद्युत मंत्रालय / Ministry of Power  
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