

Format AS1: Generator Details by RRAS Provider

From: GAMA CCPP 225 MW Kashipur, GAMA Infraprop Pvt Ltd, IPP

To: NRPC/WRPC/SRPC/ERPC/NERPC

Validity of the Information

From: 01/04/2025

To: 30/04/2025

Date: 29/03/2025

S.No.	Title/Parameters	Values/Data
a)	Number of Generating Units	CCPP, GT = 71 MW, STG = 36 MW
b)	Total Installed Capacity (MW)	107 MW
c)	Maximum possible Ex-bus injection (MW) (including overload if any)	92 MW
d)	Technical Minimum (MW)	46 MW
e)	Type of Fuel	NG / RLNG
f)	Region	Northern, Uttarakhand
g)	Bid area	Uttarakhand
h)	Fixed Cost (paise / kWh up to one decimal place)	Not Applicable
i)	Variable Cost (paise / kWh up to one decimal place)	1333.3 ✓
j)	Ramp-Up Rate (MW/Min) for each unit	1 MW ✓
k)	Ramp-Down Rate (MW/Min) for each unit	2 MW ✓
l)	Start-up Time from Cold Start (in Min) & Warm Start of each unit	300 Min 150 Min
m)	Any other information, In point d above, the technical minimum of 46 MW is specifically for this PPA with NVVN. Normally with half module of this size it is 85%.	It is half module (107 MW) untied power; other half module (107 MW) is under PPA with UPCL

Copy to:

1. NVVN, 2. GM Kashipur 3. AVP Comm DDH

Signature of Authorized Signatory (with Stamp)

Name: Yash Pal Arora

Designation: VP Kashipur

Format AS2: RRAS Provider Contact Information

From: GAMA CCPP 225 MW Kashipur, GAMA Infraprop Pvt Ltd, IPP
To: Nodal Agency (NVVN)
Concerned RLDC (NRLDC)

Date: 29/03/2025

I. Contact Details of the Control Room of RRAS Provider Generating Station

- a) Landline Number (1): 7055702618 / 7055702669
- b) Landline Number (2): 9099035108
- c) Fax Number (1): _____
- d) Fax Number (2): _____
- e) E - Mail Address (1): gamaschedule@rlggroup.co.in
- f) E - Mail Address (2): sce.ksp@steag.in
- g) Locational Address: Mahua Khera Ganj, Kashipur, Distt. Udham Singh Nagar,
UTTARAKHAND 244 713


II. Contact Details of the Nodal Person for RRAS Provider Generating Station

- a) Name: K. S. Yadav
- b) Designation: GM Kashipur
- c) Contact Number
 - i. Landline Number: 9717694741
 - ii. Mobile Number: 8650502251
- d) Fax Number: _____
- e) E - Mail Address: gm Kashipur@rlggroup.co.in

III. Contact Details of the Alternate Nodal Person for RRAS Provider Generating Station

- a) Name: Yash Pal Arora
- b) Designation: Vice President
- c) Contact Number
 - i. Landline Number: 011 26515127, 26515142, 47510015 (Office Hours)
 - ii. Mobile Number: 9717694855
- d) Fax Number: _____
- e) E - Mail Address: vpkashipur@rlggroup.co.in

Copy to: Concerned RPC


Signature of Authorized Signatory
Name: Yash Pal Arora
Designation: VP Kashipur

Format AS3: RRAS Provider Parameters by RPC

From: NRPC/WRPC/SRPC/ERPC/NERPC

To: Nodal Agency (NLDC, Delhi)

Generating Station: **GAMA CCPP 225 MW Kashipur,**

Name of Owner Organization: **GAMA Infraprop Pvt Ltd, IPP**

Validity of the Information

From: 01/04/2025

To: 30/04/2025

Date: 29/03/2025

S.No.	Title/Parameters	Values/Data
a)	Number of Generating Units	CCPP, GT = 71 MW, STG = 36 MW
b)	Total Installed Capacity (MW)	107 MW
c)	Maximum possible Ex-bus injection (MW) (including overload if any)	92 MW
d)	Technical Minimum (MW)	46 MW
e)	Type of Fuel	NG / RLNG
f)	Region	Northern, Uttarakhand
g)	Bid area	Uttarakhand
h)	Fixed Cost (paise / kWh up to one decimal place)	Not Applicable
i)	Variable Cost (paise / kWh up to one decimal place)	1333.3
j)	Ramp-Up Rate (MW/Min) for each unit	1 MW
k)	Ramp-Down Rate (MW/Min) for each unit	2 MW
l)	Start-up Time from Cold Start (in Min) & Warm Start of each unit	300 Min 150 Min
m)	Any other information In point d above, the technical minimum of 46 MW is specifically for this PPA with NVVN. Normally with half module of this size it is 85%.	It is half module (107 MW) untied power; other half module (107 MW) is under PPA with UPCL


Signature of Authorized Signatory

Name: Yash Pal Arora

Designation: VP Kashipur

Thermal (Coal/Lignite/Gas) Generator Details for Participation in Tertiary Reserve Ancillary Service Provider (TRAS)

From: DGEN Mega Power Project / Torrent Power Limited

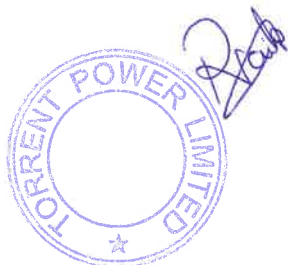
To: Nodal Agency (NLDC)

Validity of the Information **From:** 01/04/2025 **To:** 30/04/2025

Date: 26/03/2025

All details are filled as per the PPA executed between NVVN and TPL under GOI tender NVVN\C&M\GBP\04\2024-25.

S.No.	Title/Parameters	Values/Data
1	Number of Generating Units (e.g. 1 x 210 MW + 2 x 500 MW)	(3 x 400)
2	Total Installed Capacity (MW) #	1150 MW
3	Auxiliary consumption (%) #	2.75%
4	Maximum possible Ex-bus injection (MW) (including overload if any) #	1150 MW
5	Technical Minimum (MW) #	575 MW
6	Type of Fuel	Imported RLNG/Gas
7	Region	WR
8	Bid area	W2
9	Fixed Cost (paise / kWh upto one decimal place)	NA
10	Variable Cost (paise / kWh upto one decimal place) #	1326.4
11	Ramp-Up Rate (MW/Min) for each unit #	4 MW/Min
12	Ramp-Down Rate (MW/Min) for each unit #	4 MW/Min
13	Start-up Time from Cold Start (in Min) & Warm Start of each unit	Cold startup: 450 Min (after 72 hours) Warm Startup: 270 Min (after 10 hours)
14	<p>Any other information</p> <ul style="list-style-type: none"> Variable Cost is as per clause 2 of the PPA dated 10.03.2025 between TPL and NVVN DGEN Plant can operate only in Combine cycle mode. Units under RSD are preserved for reliability and accordingly require additional time for normalization prior to start-up (~180-240 mins) All Details are as per PPA executed With NVVN regarding the tender of Procurement of Power during the crunch period floated by MoP. 	



Thermal (Coal/Lignite/Gas) Generator Details for Participation in Tertiary Reserve Ancillary Service Provider (TRAS)

From: SUGEN CCPP / Torrent Power Limited

To: Nodal Agency (NLDC)

Validity of the Information **From:** 01/04/2025 **To:** 30/04/2025

Date: 26/03/2025

All details are filled as per the PPA executed between NVVN and TPL under GOI tender NVVN\C&M\GBP\04\2024-25.

S.No.	Title/Parameters	Values/Data
1	Number of Generating Units (e.g. 1 x 210 MW + 2 x 500 MW)	(3 x 382.5)
2	Total Installed Capacity (MW) #	150 MW
3	Auxiliary consumption (%) #	2.75%
4	Maximum possible Ex-bus injection (MW) (including overload if any) #	150 MW
5	Technical Minimum (MW) #	75 MW
6	Type of Fuel	Imported RLNG/Gas
7	Region	WR
8	Bid area	W2
9	Fixed Cost (paise / kWh upto one decimal place)	NA
10	Variable Cost (paise / kWh upto one decimal place) #	1325.7
11	Ramp-Up Rate (MW/Min) for each unit #	1.5 MW/Min
12	Ramp-Down Rate (MW/Min) for each unit #	1.5 MW/Min
13	Start-up Time from Cold Start (in Min) & Warm Start of each unit	Cold startup: 450 Min (after 72 hours) Warm Startup: 270 Min (after 10 hours)
14	<p>Any other information</p> <ul style="list-style-type: none">Variable Cost is as per clause 2 of the PPA dated 10.03.2025 between TPL and NVVNSUGEN Plant can operate only in Combine cycle mode.Units under RSD are preserved for reliability and accordingly require additional time for normalization (~180-240 mins)All Details are as per PPA executed With NVVN regarding the tender of Procurement of Power during the crunch period floated by MoP.	



Format AS1: Generator Details by RRAS Provider

From: (Name of RRAS Provider Generating Station) / (Name of Owner Organization)
Lanco kondapalli Power Limited stage#2

To: SRPC

Validity of the Information

From: 01/04/2025 To: 30/04/2025

Date: 28/03/2025

S.No.	Title/Parameters	Values/Data
a)	Number of Generating Units (e.g. 1 x 210 MW + 2 x 500 MW)	Gas Turbine-1x233MW & Steam turbine-1x133MW
b)	Total Installed Capacity (MW)	366MW
c)	Maximum possible Ex-bus injection (MW) (including overload if any)	352MW
d)	Technical Minimum (MW)	176MW
e)	Type of Fuel	Natural Gas/RLNG
f)	Region	SR
g)	Bid area	S1
h)	Fixed Cost (paise / kWh upto one decimal place)	NA
i)	Variable Cost (paise / kWh upto one decimal place)	1359.46
j)	Ramp-Up Rate (MW/Min) for each unit	19MW/Min for Open cycle & 27MW/min for combined cycle
k)	Ramp-Down Rate (MW/Min) for each unit	19MW/Min for Open cycle & 27MW/min for combined cycle
l)	Start-up Time from Cold Start (in Min) & Warm Start of each unit	270Min for cold startup & 180min for warm startup
m)	Any other information	NA

Copy to:



Signature of Authorized Signatory (with Stamp)

Name: M. Ramachandra Rao

Designation: General Manager