

**LOK SABHA**

**UNSTARRED QUESTION NO. 907**

**TO BE ANSWERED ON 21.11.2016**

**PNG NETWORK**

- 907.** **SHRI SUDHEER GUPTA:**  
**KUNWAR BHARATENDRA:**  
**SHRI T. RADHAKRISHNAN:**  
**KUNWAR SARVESH KUMAR:**  
**SHRIMATI MAUSAM NOOR:**  
**DR. HEENA VIJAYKUMAR GAVIT:**  
**SHRI G.M. SIDDESHWARA:**  
**SHRI JAYADEV GALLA:**  
**DR. J. JAYAVARDHAN:**

**Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:**

**पेट्रोलियम और प्राकृतिक गैस मंत्री**

- (a) the details of the existing City Gas Distribution (CGD) including Piped Natural Gas (PNG) network in the country along with the number of households/industrial units covered and new consumers added during the last year and the current year in various cities through these networks, State/UT-wise;
- (b) whether the Government has set up committees to address the issues raised by CGD companies regarding making bidding process more effective and to remove major obstacles faced by them and if so, the details thereof and the time by which the said panel is likely to submit its report;
- (c) whether the Government has fixed any target for providing PNG to every household by 2019 and if so, the details thereof along with number of cities identified for the purpose, State/UT-wise including Uttar Pradesh and Karnataka;
- (d) whether the Ministry of Urban Development has requested the States/urban local bodies to provide PNG supply in all cities including smart cities; and
- (e) if so, the details thereof along with detailed plan chalked out by the Government and achievement made/steps taken by the Government in this regard, State/UT-wise?

**ANSWER**

**पेट्रोलियम और प्राकृतिक गैस मंत्रालय में राज्य मंत्री (स्वतंत्र प्रभार)  
(श्री धर्मेन्द्र प्रधान)**

**MINISTER OF STATE (INDEPENDENT CHARGE) IN THE MINISTRY OF PETROLEUM & NATURAL GAS (SHRI DHARMENDRA PRADHAN)**

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(a): The details of the existing City Gas Distribution (CGD) including Piped Natural Gas (PNG) network in the country along with the number of households/industrial units State/UT-wise details are at Annexure-I. In the Financial Year 2015-16, 2.98 lakh new households have been connected with PNG supplies. Further, in the current year till September, 2016 about 1.65 lakh additional households have also been covered with PNG supplies. Thus, total 33.27 lakh households are availing the benefits of PNG supplies in the country.

(b): The Ministry of Petroleum & Natural Gas (MoP&NG) has constituted in August, 2016 two Committees having Members from CGD industry for suggesting alternate bidding criteria for award of CGD networks as well as for suggesting a way forward to address other issues (operational and regulatory) for expediting development of CGD networks within three months of their constitution.

(c): Government of India has envisaged to expand the coverage of urban pipeline networks by providing PNG supply to 1 crore household by 2019. Petroleum & Natural Gas Regulatory Board (PNGRB), established under the PNGRB Act, 2006, has identified a number of cities across the country for rolling out the development of CNG network in the phased manner in synchronization with the development of natural gas pipeline connectivity/natural gas availability and feasibility for grant of authorization to develop CGD networks. State-UT-wise details of GAs identified for development of CGD network is at Annexure-II and Annexure-III. The list of smart cities to be taken up for CGD authorization - round one and round two are at Annexure-IV and Annexure-V.

In the State of Uttar Pradesh, the cities, viz., Gautam Bhudh Nagar, Ghaziabad, Firozabad, Mathura, Meerut, Dibyapur, Khurja, Lucknow, Agra, Kanpur, Bareilly, Jhansi, Morabad, Allahabad and Saharanpur and in the State of Karnataka, the cities, viz., Bengaluru, Dharwad, Tumkur and Belgaum have been covered for the development and expansion of PNG network.

(d) & (e): To ensure smooth coverage of City Gas Distribution (CGD) Network in the smart cities, the Ministry of Urban Development has advised the Urban Development Departments of all the State Governments to extend all possible support to the CGD companies to issue appropriate directions for rationalizing the charges and time limits for granting permissions by respective authorities for laying gas pipeline networks across the country.

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**ANNEXURE-I REFERRED IN REPLY TO PART (a) OF LOK SABHA UNSTARRED  
QUESTION NO. 907 TO BE ANSWERED ON 21.11.2016 REGARDING PNG  
NETWORK**

| S No. | State/UT               | PNG(D)         | PNG(I)      | PNG(C)       | CNG         |
|-------|------------------------|----------------|-------------|--------------|-------------|
| 1.    | Gujarat                | 1571497        | 3952        | 17704        | 370         |
| 2.    | Maharashtra            | 933098         | 178         | 3176         | 230         |
| 3.    | Delhi                  | 482192         | 324         | 1359         | 343         |
| 4.    | Uttar Pradesh          | 231979         | 1049        | 770          | 121         |
| 5.    | Haryana                | 37600          | 224         | 150          | 28          |
| 6.    | Assam                  | 29363          | 400         | 967          | 0           |
| 7.    | Tripura                | 25111          | 48          | 341          | 5           |
| 8.    | Madhya Pradesh         | 9906           | 92          | 50           | 22          |
| 9.    | Andhra Pradesh         | 3441           | 0           | 38           | 13          |
| 10.   | Telangana              | 2037           | 5           | 3            | 21          |
| 11.   | Karnataka              | 1072           | 3           | 13           | 1           |
| 12.   | Rajasthan              | 191            | 19          | 1            | 3           |
| 13.   | Dadra and Nagar Haveli | 17             | 0           | 2            | 1           |
| 14.   | Kerala                 | 10             | 0           | 0            | 0           |
|       | <b>Total</b>           | <b>3327514</b> | <b>6294</b> | <b>24574</b> | <b>1158</b> |

**ANNEXURE-II REFERRED IN REPLY TO PART (c) OF LOK SABHA  
UNSTARRED QUESTION NO. 907 TO BE ANSWERED ON 21.11.2016  
REGARDING PNG NETWORK**

**List of GAs where bids can be invited by PNGRB as the GA is either directly connected through natural gas pipeline/natural gas source or in close proximity of the same**

| S.No | District GA               | State            | Natural Gas Pipeline                                    | Entity    |
|------|---------------------------|------------------|---|-----------|
| 1    | <b>Karnal</b>             | Haryana          | Dadri-Panipat pipeline/Dadri-Bawana-Nangal pipeline     | IOCL/GAIL |
| 2    | <b>Ambala</b>             | Haryana          | Dadri-Bawana-Nangal pipeline                            | GAIL      |
| 3    | <b>Kurukshtera</b>        | Haryana          | Dadri-Bawana-Nangal pipeline                            | GAIL      |
| 4    | <b>Barnala</b>            | Punjab           | Dadri-Bawana-Nangal pipeline                            | GAIL      |
| 5    | <b>Patiala</b>            | Punjab           | Dadri-Bawana-Nangal pipeline                            | GAIL      |
| 6    | <b>Kapurthala</b>         | Punjab           | Dadri-Bawana-Nangal pipeline                            | GAIL      |
| 7    | <b>Moga</b>               | Punjab           | Dadri-Bawana-Nangal pipeline                            | GAIL      |
| 8    | <b>SBS Nagar</b>          | Punjab           | Dadri-Bawana-Nangal pipeline                            | GAIL      |
| 9    | <b>Una</b>                | Himachal Pradesh | Dadri-Bawana-Nangal pipeline                            | GAIL      |
| 10   | <b>Dehradun</b>           | Uttarakhand      | Dadri-Bawana-Nangal pipeline                            | GAIL      |
| 11   | <b>Palwal</b>             | Haryana          | Chhainsa-Jhajjar-Hissar pipeline                        | GAIL      |
| 12   | <b>Mewat</b>              | Haryana          | Chhainsa-Jhajjar-Hissar pipeline                        | GAIL      |
| 13   | <b>Jhajjar</b>            | Haryana          | Chhainsa-Jhajjar-Hissar pipeline                        | GAIL      |
| 14   | <b>Mahendragarh</b>       | Haryana          | Chhainsa-Jhajjar-Hissar pipeline                        | GAIL      |
| 15   | <b>Jind</b>               | Haryana          | Chhainsa-Jhajjar-Hissar pipeline/Dadri-Panipat pipeline | GAIL/IOCL |
| 16   | <b>Kaithal</b>            | Haryana          | Chhainsa-Jhajjar-Hissar pipeline/Dadri-Panipat pipeline | GAIL/IOCL |
| 17   | <b>Jaipur</b>             | Rajasthan        | Chhainsa-Jhajjar-Hissar pipeline                        | GAIL      |
| 18   | <b>Alwar</b>              | Rajasthan        | Chhainsa-Jhajjar-Hissar pipeline                        | GAIL      |
| 19   | <b>Sultanpur</b>          | Uttar Pradesh    | HVJ-GREP-DVPL   | GAIL      |
| 20   | <b>Jalaun</b>             | Uttar Pradesh    | HVJ-GREP-DVPL   | GAIL      |
| 21   | <b>Kannauj</b>            | Uttar Pradesh    | HVJ-GREP-DVPL   | GAIL      |
| 22   | <b>Farukhabad</b>         | Uttar Pradesh    | HVJ-GREP-DVPL   | GAIL      |
| 23   | <b>Rampur</b>             | Uttar Pradesh    | HVJ-GREP-DVPL   | GAIL      |
| 24   | <b>Pilibhit</b>           | Uttar Pradesh    | HVJ-GREP-DVPL   | GAIL      |
| 25   | <b>Fatehpur</b>           | Uttar Pradesh    | HVJ-GREP-DVPL   | GAIL      |
| 26   | <b>Kaushambi</b>          | Uttar Pradesh    | HVJ-GREP-DVPL   | GAIL      |
| 27   | <b>Jaunpur</b>            | Uttar Pradesh    | HVJ-GREP-DVPL   | GAIL      |
| 28   | <b>Mirzapur</b>           | Uttar Pradesh    | HVJ-GREP-DVPL   | GAIL      |
| 29   | <b>Sant Ravidas Nagar</b> | Uttar Pradesh    | HVJ-GREP-DVPL   | GAIL      |
| 30   | <b>Pratapgarh</b>         | Uttar Pradesh    | HVJ-GREP-DVPL   | GAIL      |
| 31   | <b>Bharatpur</b>          | Rajasthan        | HVJ-GREP-DVPL/DVPL-GREP Upgradation                     | GAIL      |
| 32   | <b>Dholpur</b>            | Rajasthan        | HVJ-GREP-DVPL/DVPL-GREP Upgradation                     | GAIL      |
| 33   | <b>Morena</b>             | Madhya Pradesh   | HVJ-GREP-DVPL/DVPL-GREP Upgradation                     | GAIL      |
| 34   | <b>Rajgarh</b>            | Madhya Pradesh   | HVJ-GREP-DVPL/DVPL-GREP Upgradation                     | GAIL      |
| 35   | <b>Shajapur</b>           | Madhya Pradesh   | HVJ-GREP-DVPL/DVPL-GREP Upgradation                     | GAIL      |

|    |                         |                                      |  |                             |
|----|-------------------------|--------------------------------------|--|-----------------------------|
| 36 | <b>Ashok Nagar</b>      | Madhya Pradesh                       | HVJ-GREP-DVPL/DVPL-GREP Upgradation                          | GAIL                        |
| 37 | <b>Ratlam</b>           | Madhya Pradesh                       | HVJ-GREP-DVPL/DVPL-GREP Upgradation                          | GAIL                        |
| 38 | <b>Sehore</b>           | Madhya Pradesh                       | HVJ-GREP-DVPL/DVPL-GREP Upgradation                          | GAIL                        |
| 39 | <b>Bhopal</b>           | Madhya Pradesh                       | HVJ-GREP-DVPL/DVPL-GREP Upgradation                          | GAIL                        |
| 40 | <b>Vidisha</b>          | Madhya Pradesh                       | HVJ-GREP-DVPL/DVPL-GREP Upgradation                          | GAIL                        |
| 41 | <b>Baran</b>            | Rajasthan                            | HVJ-GREP-DVPL/DVPL-GREP Upgradation                          | GAIL                        |
| 42 | <b>Bundi</b>            | Rajasthan                            | HVJ-GREP-DVPL/DVPL-GREP Upgradation                          | GAIL                        |
| 43 | <b>Bhilwara</b>         | Rajasthan                            | HVJ-GREP-DVPL/DVPL-GREP Upgradation                          | GAIL                        |
| 44 | <b>Chittorgarh</b>      | Rajasthan                            | HVJ-GREP-DVPL/DVPL-GREP Upgradation                          | GAIL                        |
| 45 | <b>Jhalawar</b>         | Rajasthan                            | HVJ-GREP-DVPL/DVPL-GREP Upgradation                          | GAIL                        |
| 46 | <b>The Dangs</b>        | Gujarat                              | GSPL High Pressure Network/Dahej-Uran-Dabhol-Panvel pipeline | GSPL/GAIL                   |
| 47 | <b>Jaisalmer</b>        | Rajasthan                            | Dedicated pipeline + Gas Sources                             | GAIL/OIL/ON GC/Focus        |
| 48 | <b>Sidhi</b>            | Madhya Pradesh                       | Shahdol-Phulpur pipeline                                     | RGPL                        |
| 49 | <b>Satna</b>            | Madhya Pradesh                       | Shahdol-Phulpur pipeline                                     | RGPL                        |
| 50 | <b>Bardwan</b>          | West Bengal                          | CBM Blocks   | GEECL/Essar                 |
| 51 | <b>Jabalpur</b>         | Madhya Pradesh                       | CBM Block  | Reliance Industries Limited |
| 52 | <b>Cachhar</b>          | Assam                                | ONGC Gas Source  | ONGC                        |
| 53 | <b>Solapur</b>          | Maharashtra                          | East-West pipeline   | RGTIL                       |
| 54 | <b>Gulbarga</b>         | Karnataka                            | East-West pipeline   | RGTIL                       |
| 55 | <b>Nashik</b>           | Maharashtra                          | Dahej-Uran-Dabhol-Panvel pipeline/East-West pipeline         | GAIL/RGTIL                  |
| 56 | <b>Satara</b>           | Maharashtra                          | Dahej-Uran-Dabhol-Panvel pipeline                            | GAIL                        |
| 57 | <b>Sangli</b>           | Maharashtra                          | Dabhol-Bangalore pipeline/Dahej-Uran-Dabhol-Panvel pipeline  | GAIL                        |
| 58 | <b>Ballari</b>          | Karnataka                            | Dabhol-Bangalore pipeline                                    | GAIL                        |
| 59 | <b>Davanagari</b>       | Karnataka                            | Dabhol-Bangalore pipeline                                    | GAIL                        |
| 60 | <b>Ramanagara</b>       | Karnataka                            | Dabhol-Bangalore pipeline                                    | GAIL                        |
| 61 | <b>Kolar</b>            | Karnataka                            | Dabhol-Bangalore pipeline                                    | GAIL                        |
| 62 | <b>Chikkaballarpura</b> | Karnataka                            | Dabhol-Bangalore pipeline                                    | GAIL                        |
| 63 | <b>Krishnagiri</b>      | Tamil Nadu                           | Dabhol-Bangalore pipeline                                    | GAIL                        |
| 64 | <b>Sindhudurg</b>       | Maharashtra                          | Dabhol-Bangalore pipeline                                    | GAIL                        |
| 65 | <b>Haveri</b>           | Karnataka                            | Dabhol-Bangalore pipeline                                    | GAIL                        |
| 66 | <b>Uttar Kannada</b>    | Karnataka                            | Dabhol-Bangalore pipeline                                    | GAIL                        |
| 67 | <b>Kolhapur</b>         | Maharashtra                          | Dabhol-Bangalore pipeline                                    | GAIL                        |
| 68 | <b>South Goa</b>        | Goa                                  | Dabhol-Bangalore pipeline                                    | GAIL                        |
| 69 | <b>Kottayam</b>         | Kerala                               | Kochi-Kootanad-Bangalore-Mangalore pipeline                  | GAIL                        |
| 70 | <b>Thrissur</b>         | Kerala                               | Kochi-Kootanad-Bangalore-Mangalore pipeline                  | GAIL                        |
| 71 | <b>Puducherry</b>       | UT of Puducherry near Andhra Pradesh | K G Basin pipeline network/East-West pipeline/Gas Sources    | GAIL/RGTIL/ONGC/RIL/GSP C   |

|     |                     |                                  |   |           |
|-----|---------------------|----------------------------------|---|-----------|
| 72  | <b>Karaikal</b>     | UT of Puducherry near Tamil Nadu | Cauvery Basin pipeline network          | GAIL/ONGC |
| 73  | <b>Nagapattinam</b> | Tamil Nadu                       | Cauvery Basin pipeline network          | GAIL/ONGC |
| 74  | <b>Thiruvarur</b>   | Tamil Nadu                       | Cauvery Basin pipeline network          | GAIL/ONGC |
| 75  | <b>Cuddalore</b>    | Tamil Nadu                       | Cauvery Basin pipeline network          | GAIL/ONGC |
| 76  | <b>Shahdol</b>      | Madhya Pradesh                   | CBM Gas Source/Shahdol-Phulpur pipeline | RIL/RGPL  |
| 77  | <b>Guna</b>         | Madhya Pradesh                   | HVJ-GREP-DVPL/DVPL-GREP Upgradation     | GAIL      |
| 78  | <b>Shahjahanpur</b> | Uttar Pradesh                    | HVJ-GREP-DVPL                           | GAIL      |
| 79  | <b>Khammam</b>      | Telangana                        | East-West pipeline                      | RGTIL     |
| 80  | <b>Rangareddy</b>   | Telangana                        | East-West pipeline                      | RGTIL     |
| 81  | <b>Medak</b>        | Telangana                        | East-West pipeline                      | RGTIL     |
| 82  | <b>Nalgonda</b>     | Telangana                        | East-West pipeline                      | RGTIL     |
| 83  | <b>Badaun</b>       | Uttar Pradesh                    | HVJ-GREP-DVPL                           | GAIL      |
| 84  | <b>Aligarh</b>      | Uttar Pradesh                    | HVJ-GREP-DVPL                           | GAIL      |
| 85  | <b>Bulandshahar</b> | Uttar Pradesh                    | HVJ-GREP-DVPL                           | GAIL      |
| 86  | <b>Latur</b>        | Maharashtra                      | East-West pipeline                      | RGTIL     |
| 87  | <b>Shivpuri</b>     | Madhya Pradesh                   | HVJ-GREP-DVPL/DVPL-GREP Upgradation     | GAIL      |
| 88  | <b>Bidar</b>        | Karnataka                        | East-West pipeline                      | RGTIL     |
| 89  | <b>Osmanabad</b>    | Maharashtra                      | East-West pipeline                      | RGTIL     |
| 90  | <b>Raebareilly</b>  | Uttar Pradesh                    | HVJ-GREP-DVPL                           | GAIL      |
| 91  | <b>Mainpuri</b>     | Uttar Pradesh                    | HVJ-GREP-DVPL                           | GAIL      |
| 92  | <b>Chitradurga</b>  | Karnataka                        | Dabhol-Bangalore pipeline               | GAIL      |
| 93  | <b>Bhiwani</b>      | Haryana                          | Chhainsa-Jhajjar-Hissar pipeline        | GAIL      |
| 94  | <b>Auraiya</b>      | Uttar Pradesh                    | HVJ-GREP-DVPL                           | GAIL      |
| 95  | <b>Baghpat</b>      | Uttar Pradesh                    | Dadri-Bawana-Nangal pipeline            | GAIL      |
| 96  | <b>Etawah</b>       | Uttar Pradesh                    | HVJ-GREP-DVPL                           | GAIL      |
| 97  | <b>Gadag</b>        | Karnataka                        | Dabhol-Bangalore pipeline               | GAIL      |
| 98  | <b>Jhabua</b>       | Madhya Pradesh                   | HVJ-GREP-DVPL/DVPL-GREP Upgradation     | GAIL      |
| 99  | <b>Nainital</b>     | Uttarakhand                      | Dadri-Bawana-Nangal pipeline            | GAIL      |
| 100 | <b>Datia</b>        | Madhya Pradesh                   | HVJ-GREP-DVPL                           | GAIL      |
| 101 | <b>Amethi</b>       | Uttar Pradesh                    | HVJ-GREP-DVPL                           | GAIL      |
| 102 | <b>Rewa</b>         | Madhya Pradesh                   | CBM Gas Source/Shahdol-Phulpur pipeline | RIL/RGPL  |

**ANNEXURE-III REFERRED IN REPLY TO PART (c) OF LOK SABHA  
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REGARDING PNG NETWORK**

**List of probable GAs en-route upcoming/under implementation natural gas pipelines which can be considered for future CGD bidding depending upon the status of construction of the pipelines.**

| S.No | GA ( District)         | State            | Natural Gas Pipeline                        | Entity               |
|------|------------------------|------------------|---|----------------------|
| 1    | <b>Palakkad</b>        | Kerala           | Kochi-Kootanad-Bangalore-Mangalore pipeline | GAIL (India) Limited |
| 2    | <b>Mallapuram</b>      | Kerala           | Kochi-Kootanad-Bangalore-Mangalore pipeline | GAIL (India) Limited |
| 3    | <b>Kozhikode</b>       | Kerala           | Kochi-Kootanad-Bangalore-Mangalore pipeline | GAIL (India) Limited |
| 4    | <b>Kannur</b>          | Kerala           | Kochi-Kootanad-Bangalore-Mangalore pipeline | GAIL (India) Limited |
| 5    | <b>Kasaragod</b>       | Kerala           | Kochi-Kootanad-Bangalore-Mangalore pipeline | GAIL (India) Limited |
| 6    | <b>Alappuzha</b>       | Kerala           | Kochi-Kootanad-Bangalore-Mangalore pipeline | GAIL (India) Limited |
| 7    | <b>Mahe</b>            | UT of Puducherry | Kochi-Kootanad-Bangalore-Mangalore pipeline | GAIL (India) Limited |
| 8    | <b>Coimbatore</b>      | Tamil Nadu       | Kochi-Kootanad-Bangalore-Mangalore pipeline | GAIL (India) Limited |
| 9    | <b>Tiruppur</b>        | Tamil Nadu       | Kochi-Kootanad-Bangalore-Mangalore pipeline | GAIL (India) Limited |
| 10   | <b>Erode</b>           | Tamil Nadu       | Kochi-Kootanad-Bangalore-Mangalore pipeline | GAIL (India) Limited |
| 11   | <b>Salem</b>           | Tamil Nadu       | Kochi-Kootanad-Bangalore-Mangalore pipeline | GAIL (India) Limited |
| 12   | <b>Dharampuri</b>      | Tamil Nadu       | Kochi-Kootanad-Bangalore-Mangalore pipeline | GAIL (India) Limited |
| 13   | <b>Dakshin Kannada</b> | Karnataka        | Kochi-Kootanad-Bangalore-Mangalore pipeline | GAIL (India) Limited |
| 14   | <b>Chamrajanagar</b>   | Karnataka        | Kochi-Kootanad-Bangalore-Mangalore pipeline | GAIL (India) Limited |
| 15   | <b>Mandy</b>           | Karnataka        | Kochi-Kootanad-Bangalore-Mangalore pipeline | GAIL (India) Limited |
| 16   | <b>Gorakhpur</b>       | Uttar Pradesh    | Jagdishpur-Haldia pipeline                  | GAIL (India) Limited |
| 17   | <b>Varanasi</b>        | Uttar Pradesh    | Jagdishpur-Haldia pipeline                  | GAIL (India) Limited |
| 18   | <b>Kaimur</b>          | Bihar            | Jagdishpur-Haldia pipeline                  | GAIL (India) Limited |
| 19   | <b>Rohtas</b>          | Bihar            | Jagdishpur-Haldia pipeline                  | GAIL (India) Limited |
| 20   | <b>Aurangabad</b>      | Bihar            | Jagdishpur-Haldia pipeline                  | GAIL (India) Limited |
| 21   | <b>Gaya</b>            | Bihar            | Jagdishpur-Haldia pipeline                  | GAIL (India) Limited |
| 22   | <b>Nawada</b>          | Bihar            | Jagdishpur-Haldia pipeline                  | GAIL (India) Limited |
| 23   | <b>Nalanda</b>         | Bihar            | Jagdishpur-Haldia pipeline                  | GAIL (India) Limited |
| 24   | <b>Shekhpura</b>       | Bihar            | Jagdishpur-Haldia pipeline                  | GAIL (India) Limited |
| 25   | <b>Begusarai</b>       | Bihar            | Jagdishpur-Haldia pipeline                  | GAIL (India) Limited |
| 26   | <b>Patna</b>           | Bihar            | Jagdishpur-Haldia pipeline                  | GAIL (India) Limited |
| 27   | <b>Gopalganj</b>       | Bihar            | Jagdishpur-Haldia pipeline                  | GAIL (India) Limited |
| 28   | <b>Saran</b>           | Bihar            | Jagdishpur-Haldia pipeline                  | GAIL (India) Limited |
| 29   | <b>Siwan</b>           | Bihar            | Jagdishpur-Haldia pipeline                  | GAIL (India) Limited |
| 30   | <b>West Champaran</b>  | Bihar            | Jagdishpur-Haldia pipeline                  | GAIL (India) Limited |

|    |                       |                |  |  |
|----|-----------------------|----------------|--|--|
| 31 | <b>Bokarao</b>        | Jharkhand      | Jagdishpur-Haldia pipeline                                 | GAIL (India) Limited                           |
| 32 | <b>Dhanbad</b>        | Jharkhand      | Jagdishpur-Haldia pipeline                                 | GAIL (India) Limited                           |
| 33 | <b>Ranchi</b>         | Jharkhand      | Jagdishpur-Haldia pipeline                                 | GAIL (India) Limited                           |
| 34 | <b>Hazaribagh</b>     | Jharkhand      | Jagdishpur-Haldia pipeline                                 | GAIL (India) Limited                           |
| 35 | <b>East Singhbhum</b> | West Bengal    | Jagdishpur-Haldia pipeline                                 | GAIL (India) Limited                           |
| 36 | <b>Murshidabad</b>    | West Bengal    | Jagdishpur-Haldia pipeline                                 | GAIL (India) Limited                           |
| 37 | <b>Purba Mednipur</b> | West Bengal    | Jagdishpur-Haldia pipeline                                 | GAIL (India) Limited                           |
| 38 | <b>Purulia</b>        | West Bengal    | Jagdishpur-Haldia pipeline                                 | GAIL (India) Limited                           |
| 39 | <b>Karimnagar</b>     | Telangana      | Mallavaram-Bhopal-Bhilwara-Vijaipur pipeline               | GSPL India Transco Limited                     |
| 40 | <b>Adilabad</b>       | Telangana      | Mallavaram-Bhopal-Bhilwara-Vijaipur pipeline               | GSPL India Transco Limited                     |
| 41 | <b>Chandrapur</b>     | Maharashtra    | Mallavaram-Bhopal-Bhilwara-Vijaipur pipeline               | GSPL India Transco Limited                     |
| 42 | <b>Nagpur</b>         | Maharashtra    | Mallavaram-Bhopal-Bhilwara-Vijaipur pipeline               | GSPL India Transco Limited                     |
| 43 | <b>Betul</b>          | Madhya Pradesh | Mallavaram-Bhopal-Bhilwara-Vijaipur pipeline               | GSPL India Transco Limited                     |
| 44 | <b>Hoshangabad</b>    | Madhya Pradesh | Mallavaram-Bhopal-Bhilwara-Vijaipur pipeline               | GSPL India Transco Limited                     |
| 45 | <b>Mandsaur</b>       | Madhya Pradesh | Mallavaram-Bhopal-Bhilwara-Vijaipur pipeline               | GSPL India Transco Limited                     |
| 46 | <b>Neemuch</b>        | Madhya Pradesh | Mallavaram-Bhopal-Bhilwara-Vijaipur pipeline               | GSPL India Transco Limited                     |
| 47 | <b>Sagar</b>          | Madhya Pradesh | Mallavaram-Bhopal-Bhilwara-Vijaipur pipeline               | GSPL India Transco Limited                     |
| 48 | <b>Pratapgarh</b>     | Rajasthan      | Mallavaram-Bhopal-Bhilwara-Vijaipur pipeline               | GSPL India Transco Limited                     |
| 49 | <b>Ajmer</b>          | Rajasthan      | Mehsana-Bhatinda pipeline                                  | GSPL India Gasnet Limited                      |
| 50 | <b>Udaipur</b>        | Rajasthan      | Mehsana-Bhatinda pipeline                                  | GSPL India Gasnet Limited                      |
| 51 | <b>Sirohi</b>         | Rajasthan      | Mehsana-Bhatinda pipeline                                  | GSPL India Gasnet Limited                      |
| 52 | <b>Pali</b>           | Rajasthan      | Mehsana-Bhatinda pipeline                                  | GSPL India Gasnet Limited                      |
| 53 | <b>Rajasmand</b>      | Rajasthan      | Mehsana-Bhatinda pipeline                                  | GSPL India Gasnet Limited                      |
| 54 | <b>Dungarpur</b>      | Rajasthan      | Mehsana-Bhatinda pipeline                                  | GSPL India Gasnet Limited                      |
| 55 | <b>Jodhpur</b>        | Rajasthan      | Mehsana-Bhatinda pipeline                                  | GSPL India Gasnet Limited                      |
| 56 | <b>Nagaur</b>         | Rajasthan      | Mehsana-Bhatinda pipeline                                  | GSPL India Gasnet Limited                      |
| 57 | <b>Sikar</b>          | Rajasthan      | Mehsana-Bhatinda pipeline                                  | GSPL India Gasnet Limited                      |
| 58 | <b>Jhunjhunu</b>      | Rajasthan      | Mehsana-Bhatinda pipeline                                  | GSPL India Gasnet Limited                      |
| 59 | <b>Churu</b>          | Rajasthan      | Mehsana-Bhatinda pipeline                                  | GSPL India Gasnet Limited                      |
| 60 | <b>Hanumangarh</b>    | Rajasthan      | Mehsana-Bhatinda pipeline                                  | GSPL India Gasnet Limited                      |
| 61 | <b>Sirsa</b>          | Haryana        | Mehsana-Bhatinda pipeline                                  | GSPL India Gasnet Limited                      |
| 62 | <b>Fatehabad</b>      | Haryana        | Chhainsa-Jhajjar-Hissar pipeline/Mehsana-Bhatinda pipeline | GAIL (India) Limited/GSPL India Gasnet Limited |

|    |                      |                 |   |   |
|----|----------------------|-----------------|---|---|
|    |                      |                 |   | GAIL (India) Limited/GSPL India Gasnet Limited/GAIL (India) Limited |
| 63 | <b>Mansa</b>         | Punjab          | Chhainsa-Jhajjar-Hissar pipeline/Mehsana-Bhatinda pipeline/Dadri-Bawana-Nangal pipeline |   |
| 64 | <b>Sangrur</b>       | Punjab          | Dadri-Bawana-Nangal pipeline  | GAIL (India) Limited  |
| 65 | <b>Firozpur</b>      | Punjab          | Mehsana-Bhatinda pipeline   | GSPL India Gasnet Limited   |
| 66 | <b>Faridkot</b>      | Punjab          | Mehsana-Bhatinda pipeline   | GSPL India Gasnet Limited   |
| 67 | <b>Hoshiarpur</b>    | Punjab          | Mehsana-Bhatinda pipeline   | GSPL India Gasnet Limited   |
| 68 | <b>Gurdaspur</b>     | Punjab          | Mehsana-Bhatinda pipeline   | GSPL India Gasnet Limited   |
| 69 | <b>Kathua</b>        | Jammu & Kashmir | Mehsana-Bhatinda pipeline   | GSPL India Gasnet Limited   |
| 70 | <b>Udhampur</b>      | Jammu & Kashmir | Mehsana-Bhatinda pipeline   | GSPL India Gasnet Limited   |
| 71 | <b>Jammu</b>         | Jammu & Kashmir | Mehsana-Bhatinda pipeline   | GSPL India Gasnet Limited   |
| 72 | <b>Samba</b>         | Jammu & Kashmir | Mehsana-Bhatinda pipeline   | GSPL India Gasnet Limited   |
| 73 | <b>Ramban</b>        | Jammu & Kashmir | Mehsana-Bhatinda pipeline   | GSPL India Gasnet Limited   |
| 74 | <b>Anantnag</b>      | Jammu & Kashmir | Mehsana-Bhatinda pipeline   | GSPL India Gasnet Limited   |
| 75 | <b>Pulwama</b>       | Jammu & Kashmir | Mehsana-Bhatinda pipeline   | GSPL India Gasnet Limited   |
| 76 | <b>Srinagar</b>      | Jammu & Kashmir | Mehsana-Bhatinda pipeline   | GSPL India Gasnet Limited   |
| 77 | <b>Tapi</b>          | Gujarat         | Surat-Paradip pipeline  | GAIL (India) Limited  |
| 78 | <b>Dhule</b>         | Maharashtra     | Surat-Paradip pipeline  | GAIL (India) Limited  |
| 79 | <b>Jalgaon</b>       | Maharashtra     | Surat-Paradip pipeline  | GAIL (India) Limited  |
| 80 | <b>Buldhana</b>      | Maharashtra     | Surat-Paradip pipeline  | GAIL (India) Limited  |
| 81 | <b>Akola</b>         | Maharashtra     | Surat-Paradip pipeline  | GAIL (India) Limited  |
| 82 | <b>Amravati</b>      | Maharashtra     | Surat-Paradip pipeline  | GAIL (India) Limited  |
| 83 | <b>Wardha</b>        | Maharashtra     | Surat-Paradip pipeline  | GAIL (India) Limited  |
| 84 | <b>Bhandara</b>      | Maharashtra     | Surat-Paradip pipeline  | GAIL (India) Limited  |
| 85 | <b>Gondiya</b>       | Maharashtra     | Surat-Paradip pipeline  | GAIL (India) Limited  |
| 86 | <b>Rajnandgaon</b>   | Chhattisgarh    | Surat-Paradip pipeline  | GAIL (India) Limited  |
| 87 | <b>Durg</b>          | Chhattisgarh    | Surat-Paradip pipeline  | GAIL (India) Limited  |
| 88 | <b>Raipur</b>        | Chhattisgarh    | Surat-Paradip pipeline  | GAIL (India) Limited  |
| 89 | <b>Mahasumund</b>    | Chhattisgarh    | Surat-Paradip pipeline  | GAIL (India) Limited  |
| 90 | <b>Bargarh</b>       | Odisha          | Surat-Paradip pipeline  | GAIL (India) Limited  |
| 91 | <b>Balangir</b>      | Odisha          | Surat-Paradip pipeline  | GAIL (India) Limited  |
| 92 | <b>Boudh</b>         | Odisha          | Surat-Paradip pipeline  | GAIL (India) Limited  |
| 93 | <b>Anugul</b>        | Odisha          | Surat-Paradip pipeline  | GAIL (India) Limited  |
| 94 | <b>Cuttack</b>       | Odisha          | Surat-Paradip pipeline  | GAIL (India) Limited  |
| 95 | <b>Jagatsinghpur</b> | Odisha          | Surat-Paradip pipeline  | GAIL (India) Limited  |
| 96 | <b>Nayagarh</b>      | Odisha          | Surat-Paradip pipeline  | GAIL (India) Limited  |
| 97 | <b>Khordha</b>       | Odisha          | Surat-Paradip pipeline  | GAIL (India) Limited  |
| 98 | <b>Puri</b>          | Odisha          | Surat-Paradip pipeline  | GAIL (India) Limited  |
| 99 | <b>Dhenkenal</b>     | Odisha          | Surat-Paradip pipeline  | GAIL (India) Limited  |

|     |                       |                |   |   |
|-----|-----------------------|----------------|---|---|
| 100 | <b>Jajpur</b>         | Odisha         | Surat-Paradip pipeline  | GAIL (India) Limited                                |
| 101 | <b>Kendrapara</b>     | Odisha         | Surat-Paradip pipeline  | GAIL (India) Limited                                |
| 102 | <b>Nuaparha</b>       | Odisha         | Surat-Paradip pipeline  | GAIL (India) Limited                                |
| 103 | <b>Sambalpur</b>      | Odisha         | Surat-Paradip pipeline  | GAIL (India) Limited                                |
| 104 | <b>Subarnapur</b>     | Odisha         | Surat-Paradip pipeline  | GAIL (India) Limited                                |
| 105 | <b>Srikakulam</b>     | Andhra Pradesh | Kakinada-Srikakulam pipeline  | Andhra Pradesh Gas Distribution Corporation Limited |
| 106 | <b>Vizianagaram</b>   | Andhra Pradesh | Kakinada-Srikakulam pipeline  | Andhra Pradesh Gas Distribution Corporation Limited |
| 107 | <b>Vishakhapatnam</b> | Andhra Pradesh | Kakinada-Srikakulam pipeline  | Andhra Pradesh Gas Distribution Corporation Limited |
| 108 | <b>Chittoor</b>       | Andhra Pradesh | Ennore-Nellore pipeline   | Gas Transmission India Pvt. Limited                 |
| 109 | <b>Nellore</b>        | Andhra Pradesh | Ennore-Nellore pipeline   | Gas Transmission India Pvt. Limited                 |
| 110 | <b>Thiruvallur</b>    | Tamil Nadu     | Ennore-Nellore pipeline   | Gas Transmission India Pvt. Limited                 |
| 111 | <b>Chennai</b>        | Tamil Nadu     | Ennore-Thiruvallur-Bengaluru-Puducherry-Nagapattinam-Madurai-Tuticorin Pipeline | Indian Oil Corporation Limited                      |
| 112 | <b>Madurai</b>        | Tamil Nadu     | Ennore-Thiruvallur-Bengaluru-Puducherry-Nagapattinam-Madurai-Tuticorin Pipeline | Indian Oil Corporation Limited                      |
| 113 | <b>Tuticorin</b>      | Tamil Nadu     | Ennore-Thiruvallur-Bengaluru-Puducherry-Nagapattinam-Madurai-Tuticorin Pipeline | Indian Oil Corporation Limited                      |
| 114 | <b>Vellore</b>        | Tamil Nadu     | Ennore-Thiruvallur-Bengaluru-Puducherry-Nagapattinam-Madurai-Tuticorin Pipeline | Indian Oil Corporation Limited                      |
| 115 | <b>Tiruvanamalli</b>  | Tamil Nadu     | Ennore-Thiruvallur-Bengaluru-Puducherry-Nagapattinam-Madurai-Tuticorin Pipeline | Indian Oil Corporation Limited                      |
| 116 | <b>Villuppuram</b>    | Tamil Nadu     | Ennore-Thiruvallur-Bengaluru-Puducherry-Nagapattinam-Madurai-Tuticorin Pipeline | Indian Oil Corporation Limited                      |
| 117 | <b>Sri Perambudur</b> | Tamil Nadu     | Ennore-Thiruvallur-Bengaluru-Puducherry-Nagapattinam-Madurai-Tuticorin Pipeline | Indian Oil Corporation Limited                      |
| 118 | <b>Thanjavur</b>      | Tamil Nadu     | Ennore-Thiruvallur-Bengaluru-Puducherry-Nagapattinam-Madurai-Tuticorin Pipeline | Indian Oil Corporation Limited                      |
| 119 | <b>Ramanathapuram</b> | Tamil Nadu     | Ennore-Thiruvallur-Bengaluru-Puducherry-Nagapattinam-Madurai-Tuticorin Pipeline | Indian Oil Corporation Limited                      |
| 120 | <b>Pudukkottai</b>    | Tamil Nadu     | Ennore-Thiruvallur-Bengaluru-Puducherry-Nagapattinam-Madurai-Tuticorin Pipeline | Indian Oil Corporation Limited                      |
| 121 | <b>Thoothukudi</b>    | Tamil Nadu     | Ennore-Thiruvallur-Bengaluru-Puducherry-Nagapattinam-Madurai-Tuticorin Pipeline | Indian Oil Corporation Limited                      |
| 122 | <b>Tirunelveli</b>    | Tamil Nadu     | Ennore-Thiruvallur-Bengaluru-Puducherry-Nagapattinam-Madurai-Tuticorin Pipeline | Indian Oil Corporation Limited                      |

|     |                       |            |   |                                |
|-----|-----------------------|------------|---|--------------------------------|
| 123 | <b>Sivaganga</b>      | Tamil Nadu | Ennore-Thiruvallur-Bengaluru-Puducherry-Nagapattinam-Madurai-Tuticorin Pipeline | Indian Oil Corporation Limited |
| 124 | <b>Tiruchirapalli</b> | Tamil Nadu | Ennore-Thiruvallur-Bengaluru-Puducherry-Nagapattinam-Madurai-Tuticorin Pipeline | Indian Oil Corporation Limited |
| 125 | <b>Dindigul</b>       | Tamil Nadu | Ennore-Thiruvallur-Bengaluru-Puducherry-Nagapattinam-Madurai-Tuticorin Pipeline | Indian Oil Corporation Limited |
| 126 | <b>Kancheepuram</b>   | Tamil Nadu | Ennore-Thiruvallur-Bengaluru-Puducherry-Nagapattinam-Madurai-Tuticorin Pipeline | Indian Oil Corporation Limited |

**ANNEXURE-IV REFERRED IN REPLY TO PART (c) OF LOK SABHA  
UNSTARRED QUESTION NO. 907 TO BE ANSWERED ON 21.11.2016  
REGARDING PNG NETWORK**

**LIST OF SMART CITIES TO BE TAKEN UP FOR CGD AUTHORIZATION-ROUND ONE**

| S. No. | Smart City     | District GA           | State          |
|--------|----------------|-----------------------|----------------|
| 1      | Bhubaneshwar   | <b>Khordha</b>        | Odisha         |
| 2      | Jaipur         | <b>Jaipur</b>         | Rajasthan      |
| 3      | Jabalpur       | <b>Jabalpur</b>       | Madhya Pradesh |
| 4      | Vishakhapatnam | <b>Vishakhapatnam</b> | Andhra Pradesh |
| 5      | Solapur        | <b>Solapur</b>        | Maharashtra    |
| 6      | Davanagari     | <b>Davanagari</b>     | Karnataka      |
| 7      | Coimbatore     | <b>Coimbatore</b>     | Tamil Nadu     |
| 8      | Udaipur        | <b>Udaipur</b>        | Rajasthan      |
| 9      | Guwahati       | <b>Guwahati</b>       | Assam          |
| 10     | Chennai        | <b>Chennai</b>        | Tamil Nadu     |
| 11     | Bhopal         | <b>Bhopal</b>         | Madhya Pradesh |

**ANNEXURE-V REFERRED IN REPLY TO PART (c) OF LOK SABHA  
UNSTARRED QUESTION NO. 907 TO BE ANSWERED ON 21.11.2016  
REGARDING PNG NETWORK**

| LIST OF OTHER SMART CITIES TO BE TAKEN UP FOR CGD AUTHORIZATION |                  |                         |                  |
|---|------------------|-------------------------|------------------|
| S. No.  | Smart City       | District GA             | State/UT         |
| 1   | Nashik           | <b>Nashik</b>           | Maharashtra      |
| 2   | Amravati         | <b>Amravati</b>         | Maharashtra      |
| 3   | Nagpur           | <b>Nagpur</b>           | Maharashtra      |
| 4   | Aurangabad       | <b>Aurangabad</b>       | Maharashtra      |
| 5   | Satana           | <b>Satana</b>           | Madhya Pradesh   |
| 6   | Sagar            | <b>Sagar</b>            | Madhya Pradesh   |
| 7   | Mangaluru        | <b>Dakshin Kannada</b>  | Karnataka        |
| 8   | Shivamogga       | <b>Shimoga</b>          | Karnataka        |
| 9   | Greater Warangal | <b>Greater Warangal</b> | Telangana        |
| 10  | Tirupati         | <b>Chittoor</b>         | Andhra Pradesh   |
| 11  | Aligarh          | <b>Aligarh</b>          | Uttar Pradesh    |
| 12  | Varanasi         | <b>Varanasi</b>         | Uttar Pradesh    |
| 13  | Rampur           | <b>Rampur</b>           | Uttar Pradesh    |
| 14  | Ajmer            | <b>Ajmer</b>            | Rajasthan        |
| 15  | Karnal           | <b>Karnal</b>           | Haryana          |
| 16  | Dehradun         | <b>Dehradun</b>         | Uttarakhand      |
| 17  | Dharamshala      | <b>Kangra</b>           | Himachal Pradesh |
| 18  | Oulgaret         | <b>Oulgaret</b>         | UT of Puducherry |
| 19  | Raipur           | <b>Raipur</b>           | Chhattisgarh     |
| 20  | Bilaspur         | <b>Bilaspur</b>         | Chhattisgarh     |
| 21  | Rourkela         | <b>Sundergarh</b>       | Odisha           |
| 22  | Tiruchirapalli   | <b>Tiruchirapalli</b>   | Tamil Nadu       |
| 23  | Tiruppur         | <b>Tiruppur</b>         | Tamil Nadu       |
| 24  | Vellore          | <b>Vellore</b>          | Tamil Nadu       |
| 25  | Salem            | <b>Salem</b>            | Tamil Nadu       |
| 26  | Erode            | <b>Erode</b>            | Tamil Nadu       |
| 27  | Thanjavur        | <b>Thanjavur</b>        | Tamil Nadu       |
| 28  | Tirunelveli      | <b>Tirunelveli</b>      | Tamil Nadu       |
| 29  | Dindigul         | <b>Dindigul</b>         | Tamil Nadu       |
| 30  | Madurai          | <b>Madurai</b>          | Tamil Nadu       |
| 31  | Thoothukudi      | <b>Thoothukudi</b>      | Tamil Nadu       |
| 32  | Durgapur         | <b>Burdwan</b>          | West Bengal      |
| 33  | Haldia           | <b>Purba Medinipur</b>  | West Bengal      |
| 34  | Muzaffarpur      | <b>Muzaffarpur</b>      | Bihar            |
| 35  | Bhagalpur        | <b>Bhagalpur</b>        | Bihar            |

|    |              |                                 |                             |
|----|--------------|---------------------------------|-----------------------------|
| 36 | Bihar Sharif | <b>Nalanda</b>                  | Bihar                       |
| 37 | Ranchi       | <b>Ranchi</b>                   | Jharkhand                   |
| 38 | Kavaratti    | <b>Lakshadweep</b>              | Lakshadweep                 |
| 39 | Shillong     | <b>East Khasi Hills</b>         | Meghalaya                   |
| 40 | Aizawl       | <b>Aizawl</b>                   | Mizoram                     |
| 41 | Kohima       | <b>Kohima</b>                   | Nagaland                    |
| 42 | Namchi       | <b>South Sikkim</b>             | Sikkim                      |
| 43 | Imphal       | <b>Imphal West, Imphal East</b> | Manipur                     |
| 44 | Port Blair   | <b>South Andaman</b>            | Andaman and Nicobar Islands |
| 45 | Pasighat     | <b>East Siang</b>               | Arunachal Pradesh           |