

Calculation of Area for City Gas Distribution Network in Saharanpur GA

Sr. No.	BPCL Pipeline Connectivity	Length of Pipeline	Width in Mtr.	Total Area (in ha.)	Length of Forest Land (in Km.)	Width in Mtr.	Forest Land (in ha.)	Length of Non Forest Land (in Km.)	Width in Mtr.	Non Forest Land (in ha.)
1	Pilkhani Branch Line	13.200	1	1.3200	6.626	1	0.663	6.574	1	0.657
2	Nakur Road Branch Line	1.650	1	0.1650	1.65	1	0.165	0	1	0.000
3	Saharanpur Main Line	11.300	1	1.1300	9.885	1	0.988	1.415	1	0.142
4	Nagal Branch Line	16.320	1	1.6320	16.32	1	1.632	0	1	0.000
5	Chhutmulpur Branch Line	24.400	1	2.4400	21.548	1	2.155	2.852	1	0.285
6	Hakimpura Branch Line	5.350	1	0.5350	4.52	1	0.452	0.83	1	0.083
7	Gattamil Branch Line	2.881	1	0.2881	2.881	1	0.288	0	1	0.000
Total		75.101		7.510			6.343			1.167

Date : 16.08.2017

For Bharat Petroleum Corporation Limited



*Vijay Duggal*

Vijay Duggal  
Chief General Manager (Gas)

Calculation Forest Area for City Gas Distribution Network in Saharanpur GA

- (1) Pilkhani Branch Line – laying of Natural Gas Pipeline  
Length of pipeline = 6.626 Km  
Area = Length 6626 m X 1 m width  
= 6626 Sq.Mtr.  
= 0.6626 Hectare
- (2) Nakur Road Branch Line – laying of Natural Gas Pipeline  
Length of pipeline = 1.65 Km  
Area = Length 1650 m X 1 m width  
= 1650 Sq.Mtr.  
= 0.1650 Hectare
- (3) Saharanpur Main Line – laying of Natural Gas Pipeline  
Length of pipeline = 9.885 Km  
Total Area = Length 9885 m X 1 m width  
= 9885 Sq.Mtr.  
= 0.9885 Hectare
- (4) Nagal Branch Line – laying of Natural Gas Pipeline  
Length of pipeline = 16.320 Km  
Area = Length 16320 m X 1 m width  
= 16320 Sq.Mtr.  
= 1.6320 Hectare
- (5) Chhutmulpur Branch Line – laying of Natural Gas Pipeline  
Length of pipeline = 21.548 Km  
Total Area = Length 21548 m X 1 m width  
= 21548 Sq.Mtr.  
= 2.1548 Hectare
- (6) Hakimpura Branch Line – laying of Natural Gas Pipeline  
Total length of pipeline = 4.52 Km  
Total Area = Length 4520 m X 1 m width  
= 4520 Sq.Mtr.  
= 0.4520 Hectare
- (7) Gattamil Branch Line – laying of Natural Gas Pipeline  
Total length of pipeline = 2.881 Km  
Total Area = Length 2881 m X 1 m width  
= 2881 Sq.Mtr.  
= 0.2881 Hectare

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**Total Forest Area = 6.343 Hectare**

Date : 01.09.2017

**For Bharat Petroleum Corporation Limited**



*Vijay Duggal*

**Vijay Duggal**  
**Chief General Manager (Gas)**

Calculation Non Forest Area for City Gas Distribution Network in Saharanpur GA

(1) Pilkhani Branch Line – laying of Natural Gas Pipeline

Length of pipeline = 6.574 Km

Area = Length 6574 m X 1 m width

= 6574 Sq.Mtr.

= 0.6574 Hectare

(2) Saharanpur Main Line – laying of Natural Gas Pipeline

Length of pipeline = 1.415 Km

Total Area = Length 1415 m X 1 m width

= 1415 Sq.Mtr.

= 0.1415 Hectare

(3) Chhutmulpur Branch Line – laying of Natural Gas Pipeline

Length of pipeline = 2.852 Km

Total Area = Length 2852 m X 1 m width

= 2852 Sq.Mtr.

= 0.2852 Hectare

(4) Hakimpura Branch Line – laying of Natural Gas Pipeline

Total length of pipeline = 0.83 Km

Total Area = Length 830 m X 1 m width

= 830 Sq.Mtr.

= 0.0830 Hectare

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**Total Forest Area = 1.1671 Hectare**

Date : 05.09.2017



**For Bharat Petroleum Corporation Limited**

A handwritten signature in blue ink, appearing to read "Vijay Duggal".

**Vijay Duggal**  
**Chief General Manager (Gas)**