

CURRENT STATUS OF RURAL ELECTRIFICATION AND ELECTRICITY SERVICE DELIVERY IN RURAL AREAS OF WEST BENGAL

I. Status of Village Electrification in West Bengal:

As on 31st August 2013, only 4 villages were yet to be electrified in the state of West Bengal, out of a total of 37945 villages in the state, as per the 2001 census.

Table 1: Status of Village Electrification in West Bengal¹

States/UTs	Total inhabited Villages as per 2001 census	Villages electrified as on 31/03/2013 as per new definition (Provisional)		Cumulative achievement as on 31/08/2013 as per new definition	%age of villages electrified as on 31/08/2013	Un-electrified villages as on 31/08/2013 (V)
		No.	%			
West Bengal	37945	37941	99.99	37941	99.99	4

Source: Central Electricity Authority, 31.08.2013

Therefore the total number of electrified villages in West Bengal accounts to 99.99 percent.

The following table gives the status of electrification of the villages district and block-wise which are covered under Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY) scheme.

Table 2: District and respective block-wise status of Village Electrification in West Bengal

District	Block	No. of Villages covered under RGGVY	No. of Electrified Villages (RGGVY)	% Villages Electrified	No. of Unelectrified Villages	% Unelectrified Villages
Bankura	Bankura - I	11	5	45.5	6	54.5
	Bankura - II	12	9	75.0	3	25.0
	Barjora	6	3	50.0	3	50.0
	Chhatna	67	61	91.0	6	9.0
	Gangajalghati	6	4	66.7	2	33.3
	Hirbandh	6	6	100.0	0	0.0
	Indpur	42	34	81.0	8	19.0
	Indus	2	2	100.0	0	0.0
	Jaypur	9	7	77.8	2	22.2
	Khatra	17	11	64.7	6	35.3
	Kotulpur	12	7	58.3	5	41.7
	Mejhia	4		0.0	4	100.0
	Onda	34	22	64.7	12	35.3
	Patrasayer	7	6	85.7	1	14.3
	Raipur	54	50	92.6	4	7.4
	Ranibundh	34	24	70.6	10	29.4
	Saltora	30	29	96.7	1	3.3
	Sarenga	35	28	80.0	7	20.0
	Simlapal	38	30	78.9	8	21.1
	Sonamukhi	1		0.0	1	100.0
	Taldangra	6	5	83.3	1	16.7
	Vishnupur	18	13	72.2	5	27.8
	TOTAL OF ALL BLOCKS	451	356	78.9	95	21.1
Bardhaman	Ausgram - I	58	55	94.8	3	5.2
	Ausgram - II	101	93	92.1	8	7.9

¹ CEA Monthly Report available at http://www.cea.nic.in/reports/monthly/dpd_div_rep/village_electrification.pdf

	Barabani	49	47	95.9	2	4.1
	Bhatar	104	102	98.1	2	1.9
	Burdwan - I	79	74	93.7	5	6.3
	Burdwan - II	84	81	96.4	3	3.6
	Faridpur Durgapur	53	47	88.7	6	11.3
	Galsi - I	86	74	86.0	12	14.0
	Galsi - II	73	72	98.6	1	1.4
	Jamalpur	122	116	95.1	6	4.9
	Jamuria	40	37	92.5	3	7.5
	Kalna - I	99	99	100.0	0	0.0
	Kalna - II	113	108	95.6	5	4.4
	Kanksa	81	77	95.1	4	4.9
	Katwa - I	63	60	95.2	3	4.8
	Katwa - II	61	59	96.7	2	3.3
	Ketugram - I	62	55	88.7	7	11.3
	Ketugram - II	55	52	94.5	3	5.5
	Khandaghosh	107	105	98.1	2	1.9
	Mangolkote	131	124	94.7	7	5.3
	Manteswar	136	130	95.6	6	4.4
	Memari - I	112	112	100.0	0	0.0
	Memari - II	88	88	100.0	0	0.0
	Ondal	13	11	84.6	2	15.4
	Pandabeswar	17	13	76.5	4	23.5
	Purbasthali - I	94	91	96.8	3	3.2
	Purbasthali - II	87	85	97.7	2	2.3
	Raina - I	111	108	97.3	3	2.7
	Raina - II	90	81	90.0	9	10.0
	Raniganj	12	7	58.3	5	41.7
	Salanpur	67	60	89.6	7	10.4
	TOTAL OF ALL BLOCKS	2448	2323	94.9	125	5.1
Birbhum	Bolpur Sriniketan	149	105	70.5	44	29.5
	Dubrajpur	169	106	62.7	63	37.3
	Illambazar	121	87	71.9	34	28.1
	Khoyrasol	99	77	77.8	22	22.2
	Labpur	154	148	96.1	6	3.9
	Mayureswar - I	104	101	97.1	3	2.9
	Mayureswar - II	117	113	96.6	4	3.4
	Mohammad Bazar	120	77	64.2	43	35.8
	Murari - I	80	73	91.3	7	8.8
	Murari - II	66	45	68.2	21	31.8
	Nalhati - I	93	85	91.4	8	8.6
	Nalhati - II	48	48	100.0	0	0.0
	Nanoor	127	123	96.9	4	3.1
	Rajnagar	75	65	86.7	10	13.3
	Rampurhat - I	111	104	93.7	7	6.3
	Rampurhat - II	89	83	93.3	6	6.7
	Sainthia	201	198	98.5	3	1.5
	Suri - I	92	62	67.4	30	32.6
	Suri - II	76	50	65.8	26	34.2
	TOTAL OF ALL BLOCKS	2091	1750	83.7	341	16.3
Dakshin Dinajpur	Balurghat	274	261	95.3	13	4.7
	Bansihari	148	144	97.3	4	2.7
	Gangarampur	184	179	97.3	5	2.7
	Harirampur	137	128	93.4	9	6.6
	Hilli	72	69	95.8	3	4.2
	Kumarganj	198	182	91.9	16	8.1
	Kushmundi	225	212	94.2	13	5.8
	Tapan	250	242	96.8	8	3.2
	TOTAL OF ALL BLOCKS	1488	1417	95.2	71	4.8
Darjiling	Kharibari	71	69	97.2	2	2.8
	Matigara	56	41	73.2	15	26.8
	Naxalbari	69	61	88.4	8	11.6
	Phansidewa	90	84	93.3	6	6.7
	TOTAL OF ALL BLOCKS	286	255	89.2	31	10.8
Haora	Amta - I	80	74	92.5	6	7.5
	Amta - II	69	62	89.9	7	10.1

	Bagnan - I	49	48	98.0	1	2.0
	Bagnan - II	48	47	97.9	1	2.1
	Bally Jagachha	3	3	100.0	0	0.0
	Domjur	39	38	97.4	1	2.6
	Jagatballavpur	76	69	90.8	7	9.2
	Panchla	26	22	84.6	4	15.4
	Sankrail	23	15	65.2	8	34.8
	Shyampur - I	67	67	100.0	0	0.0
	Shyampur - II	76	76	100.0	0	0.0
	Udaynarayanpur	75	73	97.3	2	2.7
	Uluberia - I	71	70	98.6	1	1.4
	Uluberia - II	32	32	100.0	0	0.0
	TOTAL OF ALL BLOCKS	734	696	94.8	38	5.2
Hugli	Arambag	145	106	73.1	39	26.9
	Balagarh	90	76	84.4	14	15.6
	Chanditala - I	56	19	33.9	37	66.1
	Chanditala - II	29	20	69.0	9	31.0
	Chinsurah - Magra	37	34	91.9	3	8.1
	Dhaniakhali	200	150	75.0	50	25.0
	Goghat - I	97	69	71.1	28	28.9
	Goghat - II	106	68	64.2	38	35.8
	Jangipara	120	98	81.7	22	18.3
	Khanakul - I	92	61	66.3	31	33.7
	Khanakul - II	50	34	68.0	16	32.0
	Pandua	124	106	85.5	18	14.5
	Polba - Dadpur	116	94	81.0	22	19.0
	Pursura	45	30	66.7	15	33.3
	Serampur Uttarpara	14	12	85.7	2	14.3
	Tarakeswar	86	74	86.0	12	14.0
	TOTAL OF ALL BLOCKS	1407	1051	74.7	356	25.3
Koch Bihar	Cooch Behar - I	143	133	93.0	10	7.0
	Cooch Behar - II	114	104	91.2	10	8.8
	Dinhata - I	128	123	96.1	5	3.9
	Dinhata - II	117	112	95.7	5	4.3
	Haldibari	62	53	85.5	9	14.5
	Mathabhanga - I	101	98	97.0	3	3.0
	Mathabhanga - II	93	88	94.6	5	5.4
	Mekliganj	150	132	88.0	18	12.0
	Sitai	53	52	98.1	1	1.9
	Sitalkuchi	68	34	50.0	34	50.0
	Tufanganj - I	73	69	94.5	4	5.5
	Tufanganj - II	54	52	96.3	2	3.7
	TOTAL OF ALL BLOCKS	1156	1050	90.8	106	9.2
Maldah	Bamangola	144	93	64.6	51	35.4
	Chanchal - I	101	89	88.1	12	11.9
	Chanchal - II	92	68	73.9	24	26.1
	English Bazar	131	72	55.0	59	45.0
	Gazole	292	229	78.4	63	21.6
	Habibpur	288	104	36.1	184	63.9
	Harishchandrapur - I	105	87	82.9	18	17.1
	Harishchandrapur - II	74	57	77.0	17	23.0
	Kaliachak - I	66	53	80.3	13	19.7
	Kaliachak - II	65	32	49.2	33	50.8
	Kaliachak - III	72	35	48.6	37	51.4
	Maldah (old)	118	72	61.0	46	39.0
	Manikchak	88	45	51.1	43	48.9
	Ratua - I	100	64	64.0	36	36.0
	Ratua - II	51	39	76.5	12	23.5
	TOTAL OF ALL BLOCKS	1787	1139	63.7	648	36.3
Medinipur	Bhagawanpur - I	78	76	97.4	2	2.6
	Bhagawanpur - II	98	97	99.0	1	1.0
	Binpur - I	418	217	51.9	201	48.1
	Binpur - II	620	250	40.3	370	59.7
	Chandrakona - I	126	121	96.0	5	4.0
	Chandrakona - II	121	119	98.3	2	1.7
	Contai - I	103	102	99.0	1	1.0

	Contai - II	95	94	98.9	1	1.1
	Contai - III	107	107	100.0	0	0.0
	Dantan - I	183	113	61.7	70	38.3
	Dantan - II	117	97	82.9	20	17.1
	Daspur - I	274	156	56.9	118	43.1
	Daspur - II	125	69	55.2	56	44.8
	Debra	458	319	69.7	139	30.3
	Egra - I	22	21	95.5	1	4.5
	Egra - II	11	11	100.0	0	0.0
	Garbeta - I	303	107	35.3	196	64.7
	Garbeta - II	264	151	57.2	113	42.8
	Garbeta - III	192	72	37.5	120	62.5
	Ghatal	139	134	96.4	5	3.6
	Gopiballavpur - I	255	158	62.0	97	38.0
	Gopiballavpur - II	293	127	43.3	166	56.7
	Jamboni	280	182	65.0	98	35.0
	Jhargram	480	321	66.9	159	33.1
	Keshiary	201	151	75.1	50	24.9
	Keshpur	561	533	95.0	28	5.0
	Kharagpur - I	226	226	100.0	0	0.0
	Kharagpur - II	324	322	99.4	2	0.6
	Khejuri - I	5	4	80.0	1	20.0
	Khejuri - II	35	35	100.0	0	0.0
	Midnapore	231	205	88.7	26	11.3
	Mohanpur	100	65	65.0	35	35.0
	Moyna	29	29	100.0	0	0.0
	Nanda Kumar	4	1	25.0	3	75.0
	Nandigram - I	43	42	97.7	1	2.3
	Nandigram - II	2	2	100.0	0	0.0
	Nandigram - III	42	38	90.5	4	9.5
	Narayangarh	463	293	63.3	170	36.7
	Nayagram	292	193	66.1	99	33.9
	Panskura - I	8	7	87.5	1	12.5
	Panskura - II	2	1	50.0	1	50.0
	Pingla	175	143	81.7	32	18.3
	Potashpur - I	49	48	98.0	1	2.0
	Potashpur - II	39	39	100.0	0	0.0
	Ramnagar - I	13	13	100.0	0	0.0
	Ramnagar - II	18	17	94.4	1	5.6
	Sabang	403	168	41.7	235	58.3
	Salbani	407	370	90.9	37	9.1
	Sankrail	280	205	73.2	75	26.8
	TOTAL OF ALL BLOCKS	9114	6371	69.9	2743	30.1
Murshidabad	Beldanga - I	58	24	41.4	34	58.6
	Beldanga - II	62	26	41.9	36	58.1
	Berhampore	131	61	46.6	70	53.4
	Bhagawangola - I	51	39	76.5	12	23.5
	Bhagawangola - II	59	23	39.0	36	61.0
	Bharatpur - I	83	59	71.1	24	28.9
	Bharatpur - II	52	30	57.7	22	42.3
	Burwan	155	71	45.8	84	54.2
	Domkal	75	50	66.7	25	33.3
	Farakka	59	35	59.3	24	40.7
	Hariharpara	56	30	53.6	26	46.4
	Jalangi	44	24	54.5	20	45.5
	Kandi	84	40	47.6	44	52.4
	Khargram	139	69	49.6	70	50.4
	Lalgola	82	24	29.3	58	70.7
	Murshidabad Jiaganj	126	64	50.8	62	49.2
	Nabagram	110	63	57.3	47	42.7
	Nawda	28	12	42.9	16	57.1
	Raghunathganj - I	56	32	57.1	24	42.9
	Raghunathganj - II	39	18	46.2	21	53.8
	Raninagar - I	58	34	58.6	24	41.4
	Raninagar - II	30	19	63.3	11	36.7
	Sagardighi	167	78	46.7	89	53.3

	Samserganj	29	16	55.2	13	44.8
	Suti - I	48	24	50.0	24	50.0
	Suti - II	33	16	48.5	17	51.5
	TOTAL OF ALL BLOCKS	1914	981	51.3	933	48.7
Nadia	Chakdah	146	142	97.3	4	2.7
	Chapra	78	74	94.9	4	5.1
	Hanskhali	79	77	97.5	2	2.5
	Haringhata	86	86	100.0	0	0.0
	Kaliganj	103	85	82.5	18	17.5
	Karimpur - I	66	64	97.0	2	3.0
	Karimpur - II	64	59	92.2	5	7.8
	Krishnaganj	52	47	90.4	5	9.6
	Krishnagar - I	88	85	96.6	3	3.4
	Krishnagar - II	44	41	93.2	3	6.8
	Nabadwip	25	21	84.0	4	16.0
	Nakashipara	100	86	86.0	14	14.0
	Ranaghat - I	60	57	95.0	3	5.0
	Ranaghat - II	110	105	95.5	5	4.5
	Santipur	61	55	90.2	6	9.8
	Tehatta - I	56	54	96.4	2	3.6
	Tehatta - II	32	24	75.0	8	25.0
	TOTAL OF ALL BLOCKS	1250	1162	93.0	88	7.0
North Twenty Four Parganas	Bagda	1	1	100.0	0	0.0
	Haroa	1	1	100.0	0	0.0
	Minakhan	26	26	100.0	0	0.0
	Sandeskhali - I	6	6	100.0	0	0.0
	Sandeskhali - II	17	17	100.0	0	0.0
	TOTAL OF ALL BLOCKS	51	51	100.0	0	0.0
Puruliya	Arsha	89	88	98.9	1	1.1
	Bagmundi	135	131	97.0	4	3.0
	Balarampur	87	87	100.0	0	0.0
	Barabazar	196	196	100.0	0	0.0
	Bundwan	131	128	97.7	3	2.3
	Hura	113	111	98.2	2	1.8
	Jaipur	107	106	99.1	1	0.9
	Jhalda - I	132	132	100.0	0	0.0
	Jhalda - II	124	122	98.4	2	1.6
	Kashipur	198	168	84.8	30	15.2
	Manbazar - I	218	207	95.0	11	5.0
	Manbazar - II	122	111	91.0	11	9.0
	Neturia	112	100	89.3	12	10.7
	Para	118	98	83.1	20	16.9
	Puncha	97	80	82.5	17	17.5
	Purulia - I	109	109	100.0	0	0.0
	Purulia - II	102	102	100.0	0	0.0
	Raghunathpur - I	90	79	87.8	11	12.2
	Raghunathpur - II	90	67	74.4	23	25.6
	Santuri	97	97	100.0	0	0.0
	TOTAL OF ALL BLOCKS	2467	2319	94.0	148	6.0
South twenty Four Paragans	Baruipur	135	109	80.7	26	19.3
	Basanti	84	44	52.4	40	47.6
	Bhangar - I	83	65	78.3	18	21.7
	Bhangar - II	60	49	81.7	11	18.3
	Bishnupur - I	87	60	69.0	27	31.0
	Bishnupur - II	61	48	78.7	13	21.3
	Budge Budge - I	16	6	37.5	10	62.5
	Budge Budge - II	64	55	85.9	9	14.1
	Canning - I	70	56	80.0	14	20.0
	Canning - II	72	55	76.4	17	23.6
	Diamond Harbour - I	70	50	71.4	20	28.6
	Diamond Harbour - II	91	64	70.3	27	29.7
	Falta	134	93	69.4	41	30.6
	Jaynagar - I	70	63	90.0	7	10.0
	Jaynagar - II	50	43	86.0	7	14.0
	Kakdwip	39	32	82.1	7	17.9
	Kulpi	176	115	65.3	61	34.7

	Kultali	51	15	29.4	36	70.6
	Magrahat - I	86	51	59.3	35	40.7
	Magrahat - II	83	59	71.1	24	28.9
	Mandirbazar	113	91	80.5	22	19.5
	Mathurapur - I	99	76	76.8	23	23.2
	Mathurapur - II	27	26	96.3	1	3.7
	Namkhana	30	28	93.3	2	6.7
	Patharpratima	69	41	59.4	28	40.6
	Sonarpur	72	61	84.7	11	15.3
	Thakurpukur Mahestola	39	11	28.2	28	71.8
	TOTAL OF ALL BLOCKS	2031	1466	72.2	565	27.8
Uttar Dinajpur	Chopra	116	75	64.7	41	35.3
	Goalpokhar - I	147	127	86.4	20	13.6
	Goalpokhar - II	170	112	65.9	58	34.1
	Hemtabad	114	107	93.9	7	6.1
	Islampur	101	78	77.2	23	22.8
	Itahar	216	134	62.0	82	38.0
	Kaliaganj	191	121	63.4	70	36.6
	Karandighi	213	131	61.5	82	38.5
	Raiganj	221	156	70.6	65	29.4
	TOTAL OF ALL BLOCKS	1489	1041	69.9	448	30.1

Source: Data compiled from RGGVY website²

II. Status of Household Electrification in West Bengal:

The Census of India 2011, indicates that close to 67 percent of West Bengal rural households continue to depend on Kerosene for lighting.

The table and figure below presents a comprehensive scenario of the sources of lighting in the state, which is as per the Government of India Census, 2011.

Table 3: Sources of Lighting in households of West Bengal

District	Total No. of Households	Electricity	Kerosene	Solar energy	Other oil	Any other	No lighting	Electrified		Unelectrified	
								No.	%	No.	%
Darjiling	2,34,411	1,62,970	66,664	1,274	561	137	2,805	1,64,244	70	70,167	30
Jalpaiguri	6,20,432	2,03,636	4,09,179	3,780	1,215	223	2,399	2,07,416	33	4,13,016	67
Koch Bihar	6,04,602	1,29,045	4,68,687	4,316	1,327	170	1,057	1,33,361	22	4,71,241	78
Uttar Dinajpur	5,29,416	1,47,941	3,75,583	3,232	1,303	442	915	1,51,173	29	3,78,243	71
Dakshin Dinajpur	3,38,680	1,21,365	2,12,262	2,682	708	124	1,539	1,24,047	37	2,14,633	63
Maldah	7,29,770	2,18,159	4,99,071	5,752	2,492	549	3,747	2,23,911	31	5,05,859	69
Murshidabad	12,82,692	3,75,096	8,90,739	8,179	2,168	879	5,631	3,83,275	30	8,99,417	70
Birbhum	7,11,236	2,60,403	4,39,936	5,073	1,589	531	3,704	2,65,476	37	4,45,760	63
Bardhaman	10,64,226	5,19,670	5,25,091	9,428	3,564	983	5,490	5,29,098	50	5,35,128	50
Nadia	8,79,934	3,42,187	5,25,371	5,912	1,888	703	3,873	3,48,099	40	5,31,835	60
North Twenty Four Parganas	9,88,219	4,31,034	5,35,214	13,650	2,357	1,009	4,955	4,44,684	45	5,43,535	55
Hugli	7,77,386	5,19,678	2,42,398	7,381	1,666	1,176	5,087	5,27,059	68	2,50,327	32
Bankura	6,91,417	2,83,726	3,97,237	5,260	1,730	402	3,062	2,88,986	42	4,02,431	58
Puruliya	4,96,403	1,40,851	3,48,217	4,318	1,018	241	1,758	1,45,169	29	3,51,234	71
Haora	3,88,459	2,40,924	1,40,976	3,253	853	204	2,249	2,44,177	63	1,44,282	37
Kolkata	0	0	0	0	0	0	0	0	0	0	0
South Twenty Four Parganas	12,91,490	4,51,540	7,77,857	53,873	2,050	1,117	5,053	5,05,413	39	7,86,077	61
Paschim Medinipur	11,09,569	5,42,598	5,48,438	12,718	2,151	274	3,390	5,55,316	50	5,54,253	50

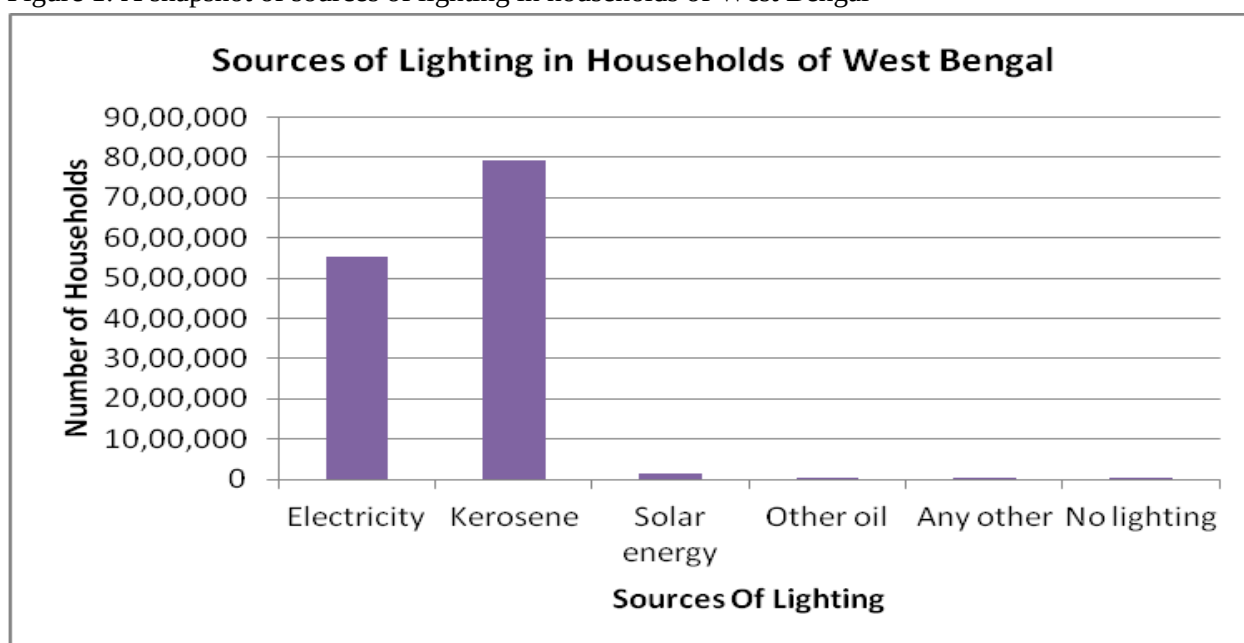
² Rajiv Gandhi Grameen Vidyutikaran Yojana, available at <http://rggvv.gov.in/rggvv/rggvvportal/index.html>

Purba Medinipur	9,78,844	4,38,673	5,24,811	10,416	1,334	1,004	2,606	4,49,089	46	5,29,755	54
Total	1,37,17,186	55,29,496	79,27,731	1,60,497	29,974	10,168	59,320	56,89,993	41	80,27,193	59

Source: Census of India 2011.

As can be seen from the above table, a number of districts particularly the remote district of West Bengal have close to 70 percent of un-electrified households, while districts which are in and around the state capital or in high industrial belt have a relatively lower level of un-electrified households. The situation more or less similar to Orissa.

Figure 1: A snapshot of sources of lighting in households of West Bengal



Source: Census of India, 2011

III. Key Sources of Energy for Cooking and Heating in households of West Bengal

As is the case with the rest of India, West Bengal also has a very poor penetration of clean sources of energy for meeting the cooking and heating requirements of its communities.

Only 4 percent of West Bengal's population has access to modern and relatively clean sources of energy for cooking and heating requirements, mainly LPG, Electricity and bio-gas plants.

So in effect, close to 96 percent of its population depend on firewood and other related sources of energy for meeting their cooking and heating requirements.

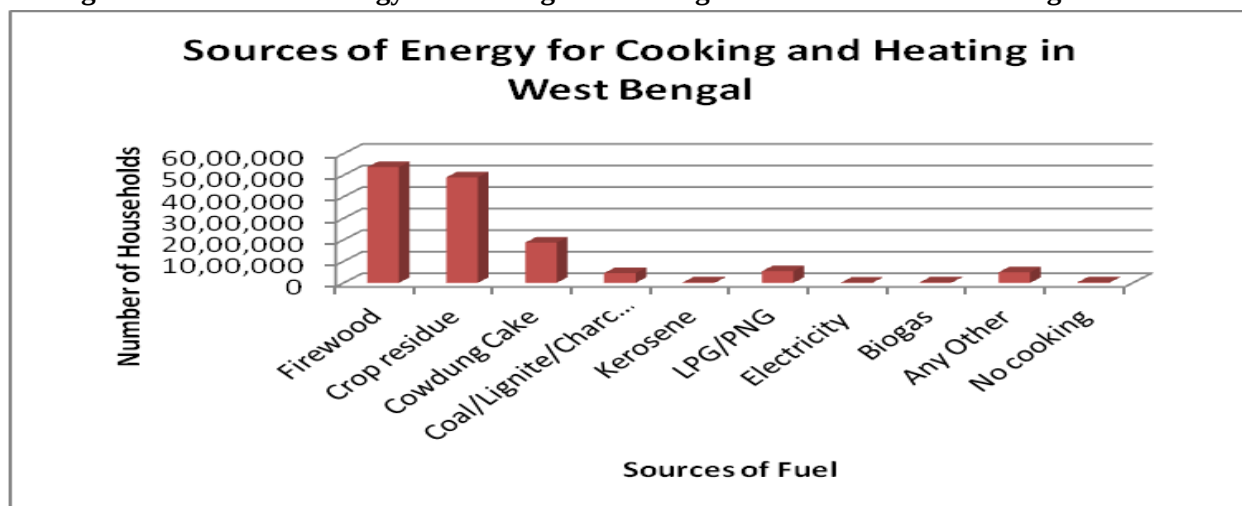
The following table depicts the situation of energy sources for West Bengal.

Table 4: Sources of Energy for cooking and heating in households of West Bengal

Total no. of Households	Firewood	Crop residue	Cowdung Cake	Coal/Lignite/Charcoal	Kerosene	LPG/PNG	Electricity	Biogas	Any Other	No cooking
13690353	53,75,684	48,99,863	18,65,856	4,52,721	27,164	5,43,381	8,064	23,391	4,94,229	26,833

Source: Census of India 2011

Figure 2: Sources of Energy for cooking and heating in households of West Bengal



Source: Census 2011 data

IV. Status of Assets availability in households of West Bengal:

As can be read from the table below almost 74% of the households have access to personal assets and require electricity to operate them.

The table and figure below presents a comprehensive scenario of the assets in rural households in the state, which is as per the Government of India Census, 2011

Table 5: Availability of assets in households of West Bengal

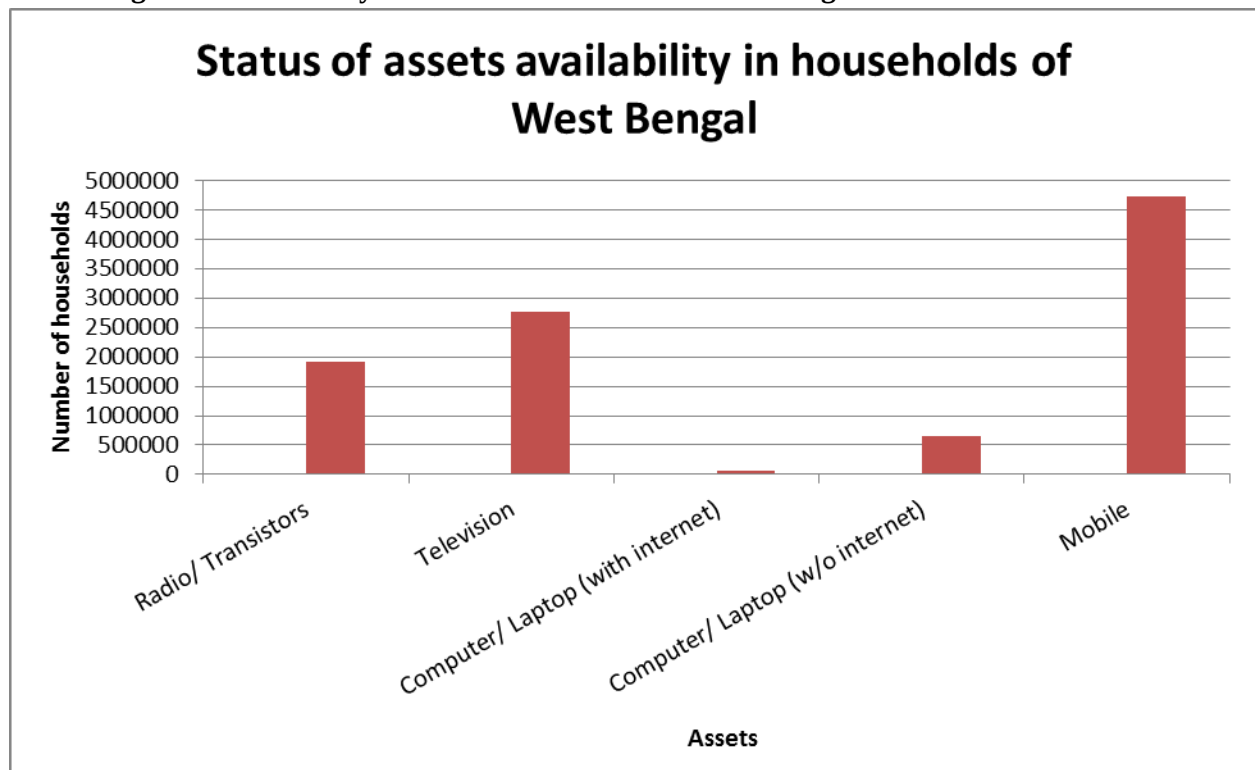
District	Total No. of Households	Radio/ Transistors	Television	Computer/ Laptop		Mobile
				With Internet	W/o Internet	
Darjiling	234,411	38,228	109,005	2,029	9,644	113,097
Jalpaiguri	620,432	43,907	126,972	2,303	22,226	161,216
Koch Bihar	604,602	31,469	66,188	1,703	24,968	155,405
Uttar Dinajpur	529,416	50,853	64,633	1,181	23,718	146,596
Dakshin Dinajpur	338,680	34,663	63,780	761	15,324	106,957
Maldah	729,770	71,850	84,610	2,219	48,281	211,187
Murshidabad	1,282,692	131,846	184,370	3,301	54,514	358,486
Birbhum	711,236	84,891	133,588	2,329	27,824	186,316
Bardhaman	1,064,226	154,746	303,512	6,789	52,805	403,714
Nadia	879,934	89,321	179,579	4,105	40,585	293,584

North Twenty Four Parganas	988,219	128,738	196,893	8,212	68,206	398,924
Hugli	777,386	145,122	276,647	6,250	40,350	358,115
Bankura	691,417	95,602	137,701	2,397	25,302	227,187
Puruliya	496,403	41,132	64,527	1,515	23,887	135,004
Haora	388,459	99,223	129,424	2,195	17,528	178,561
Kolkata	0	0	0	0	0	0
South Twenty Four Parganas	1,291,490	278,125	280,743	5,356	60,648	509,802
Paschim Medinipur	1,109,569	205,667	204,308	3,369	41,173	393,811
Purba Medinipur	978,844	195,395	163,247	4,411	49,486	385,931
Total	13,717,186	1,920,778	2,769,727	60,425	646,469	4,723,893

Source: Census of India 2011

The table indicates that maximum households have mobile phones, television and radio/transistors in high numbers.

Figure 3: Availability of assets in households of West Bengal



Source: Census 2011 data

V. Status of Electricity Supply in West Bengal:

In the 2011-12 West Bengal faced a shortage of electricity supply to the tune of 735 Million units, which translates to a short fall in supply in relation to the demand by 1.7 percent which has increased a bit over the last year. The short fall in electricity supply to meet the peak electricity demand was around 3 percent in the same year.

The following table gives an overview of the electricity demand and supply situation of West Bengal in the year 2011-12

Table 6: Electricity Demand Vs. Supply Situation in West Bengal (2011-12)

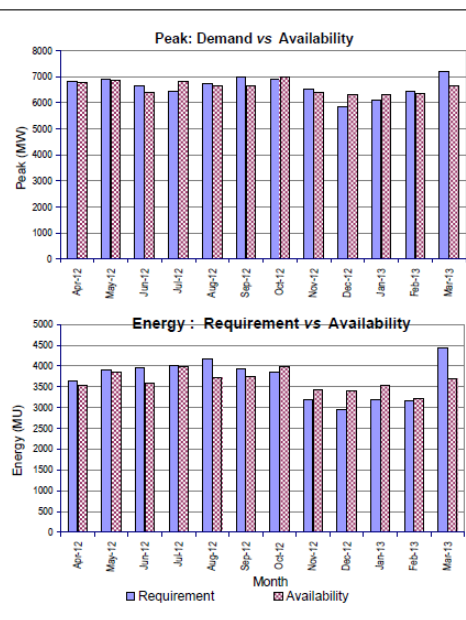
State / Region	Energy				Peak			
	Requirement	Availability	Surplus(+)/Deficit (-)		Requirement	Availability	Surplus(+)/Deficit (-)	
	(MU)	(MU)	(MU)	(%)	(MW)	(MW)	(MW)	(%)
West Bengal	44409	43674	-735	-1.7	7194	6980	-214	-3.0

Source: Load Generation Balance Report 2012-13, Central Electricity Authority

Further, the assessment of the Central Electricity Authority on the supply versus demand for electricity for the year 2012-2013, indicates that in some months, the gap between supply and demand could be as high as 31 percent, which could potentially mean that the rural electricity supply would be affected even higher than business as usual.

Table 7: Anticipated Power Supply and Demand for West Bengal for 2012-2013

Month	Peak				Energy			
	Demand	Availability	Surplus(+)/Deficit (-)		Requirement	Availability	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	6808	6765	-43	-0.6	3637	3538	-99	-2.7
May-12	6914	6868	-46	-0.7	3911	3858	-53	-1.4
Jun-12	6633	6382	-251	-3.8	3957	3571	-386	-9.8
Jul-12	6454	6803	349	5.4	4000	3982	-18	-0.5
Aug-12	6744	6654	-90	-1.3	4171	3728	-443	-10.6
Sep-12	6976	6650	-326	-4.7	3930	3745	-186	-4.7
Oct-12	6909	6980	71	1.0	3863	3976	114	2.9
Nov-12	6509	6412	-97	-1.5	3200	3416	217	6.8
Dec-12	5862	6333	471	8.0	2949	3412	463	15.7
Jan-13	6106	6322	216	3.5	3189	3540	351	11.0
Feb-13	6439	6351	-88	-1.4	3159	3217	58	1.8
Mar-13	7194	6648	-545	-7.6	4443	3691	-752	-16.9
Annual	7194	6980	-214	-3.0	44409	43674	-735	-1.7



Source: Load Generation Balance Report – 2012-13, Central Electricity Authority