

Bus Number	Bus Name	Pload (MW)	Qload (Mvar)	IPload (MW)	IQload (Mvar)	YPload (MW)	YQload (Mvar)	Distributed Gen (MW)	Distributed Gen (Mvar)
261000	MAHCHND	132.00	59.8497	8.75	0	0	0	0	0
261001	PURULIAW	132.00	70.2594	10.272	0	0	0	0	0
261002	SANTLDI	132.00	0	2.432	0	0	0	0	0
261003	HOWRAH 1	132.00	41.7392	21.36	0	0	0	0	0
261005	KOLAGHAT	132.00	50.7414	7.419	0	0	0	0	0
261006	BANDEL 1	132.00	0	0	0	0	0	0	0
261007	RISHRA 1	132.00	121.0008	17.689	0	0	0	0	0
261008	ADSPTGR	132.00	135.3123	19.782	0	0	0	0	0
261009	DHRMPUR	132.00	76.765	11.223	0	0	0	0	0
261010	KALYANI	132.00	53.3441	7.798	0	0	0	0	0
261011	RANGHT 1	132.00	78.0652	11.412	0	0	0	0	0
261012	ASOKNGR	132.00	75.4637	11.032	0	0	0	0	0
261013	SALT LAKE	132.00	87.1747	12.743	0	0	0	0	0
261014	KASBA 1	132.00	97.5821	14.266	0	0	0	0	0
261015	SONARPR	132.00	68.9569	10.082	0	0	0	0	0
261016	JOKA1_A	132.00	13.0101	1.901	0	0	0	0	0
261017	JEERAT1	132.00	100	50	0	0	0	0	0
261020	KHARAGPR	132.00	37.7313	5.516	0	0	0	0	0
261021	SAITHIA1	132.00	81.9681	11.982	0	0	0	0	0
261022	SATGCHA1	132.00	63.7515	9.319	0	0	0	0	0
261023	TITAGARH	132.00	118.3981	17.308	0	0	0	0	0
261024	KATWA 1	132.00	78.0652	11.412	0	0	0	0	0
261025	DBG RM 1	132.00	62.4524	9.13	0	0	0	0	0
261026	RGNTGNJ	132.00	81.9681	11.982	0	0	0	0	0
261027	DPL1	132.00	0	32.996	0	0	0	0	0
261028	LILUAH1	132.00	102.7864	15.026	0	0	0	0	0
261029	HINDMTR1	132.00	0	10.42	0	0	0	0	0
261030	BRHMPR1	132.00	111.8924	16.357	0	0	0	0	0
261031	BOLPUR1	132.00	93.6769	13.695	0	0	0	0	0
261032	FALTA 1	132.00	76.765	11.223	0	0	0	0	0
261033	HIJLI	132.00	63.7515	9.319	0	0	0	0	0
261034	HIJLITRN	132.00	27.91	9.174	0	0	0	0	0
261035	RAIGUNJ	132.00	63.7515	9.319	0	0	0	0	0
261036	ARAMBAG1	132.00	70.2594	10.272	0	0	0	0	0
261037	UKHRA	132.00	65.054	9.51	0	0	0	0	0
261038	MALDAW1	132.00	110.5922	16.168	0	0	0	0	0
261039	DALKOLA1	132.00	32.5281	4.757	0	0	0	0	0
261040	NBU1	132.00	102.7864	15.026	0	0	0	0	0
261041	BIRPRAW1	132.00	16.913	2.474	0	0	0	0	0
261042	HALDIA1	132.00	44.2358	6.466	0	0	0	0	0
261043	MONGURI1	132.00	85.8711	12.555	0	0	0	0	0
261044	GOKARN1	132.00	61.1511	8.94	0	0	0	0	0
261045	BISNUPUR	132.00	46.8396	6.847	0	0	0	0	0
261046	CKROAD	132.00	83.2695	12.174	0	0	0	0	0
261047	BANKURA	132.00	48.1398	7.038	0	0	0	0	0
261048	EGRA	132.00	88.4749	12.935	0	0	0	0	0
261049	LKNTAPUR	132.00	105.3879	15.407	0	0	0	0	0
261051	MIDNAPR	132.00	83.2695	12.174	0	0	0	0	0
261052	BALICHK1	132.00	46.8396	6.847	0	0	0	0	0
261053	PINGLA1	132.00	117.0979	17.119	0	0	0	0	0

## WBSETCL

261054	RAINA1	132.00	78.0652	11.412	0	0	0	0	0	0
261055	TRKSWR1	132.00	49.4412	7.228	0	0	0	0	0	0
261056	ULBRIA1	132.00	93.6769	13.695	0	0	0	0	0	0
261057	BSRHAT1	132.00	80.6657	11.793	0	0	0	0	0	0
261058	BONGA1	132.00	61.1511	8.94	0	0	0	0	0	0
261059	KRSNGR1	132.00	104.0866	15.217	0	0	0	0	0	0
261060	BARASAT1	132.00	147.0221	21.494	0	0	0	0	0	0
261061	MANKAD1	132.00	58.5484	8.559	0	0	0	0	0	0
261062	RAMPUR1	132.00	68.9569	10.082	0	0	0	0	0	0
261063	KHNYAN1	132.00	33.8261	4.945	0	0	0	0	0	0
261064	CHNDTLA1	132.00	48.1398	7.038	0	0	0	0	0	0
261065	BANTALA1	132.00	106.687	15.597	0	0	0	0	0	0
261066	DOMJUR1	132.00	101.4839	14.837	0	0	0	0	0	0
261067	FCI	132.00	2.791	0.917	0	0	0	0	0	0
261068	TAMLUK1	132.00	58.5484	8.559	0	0	0	0	0	0
261069	DHTRIGRM	132.00	40.3351	5.897	0	0	0	0	0	0
261070	FRAKKA1	132.00	37.2666	0	0	0	0	0	0	0
261071	DHULIAN1	132.00	39.0315	5.706	0	0	0	0	0	0
261072	KHJURIA1	132.00	37.2666	0	0	0	0	0	0	0
261073	SAMSI1	132.00	62.4524	9.13	0	0	0	0	0	0
261074	BLURGHT1	132.00	35.1286	5.136	0	0	0	0	0	0
261078	NJP1(W)	132.00	58.5484	8.559	0	0	0	0	0	0
261079	ALIPRDR1	132.00	45.5371	6.658	0	0	0	0	0	0
261080	2ND MILE	132.00	18.606	6.115	0	0	0	0	0	0
261081	AMTALA	132.00	63.7515	9.319	0	0	0	0	0	0
261082	ASANSL1	132.00	88.0526	25.712	0	0	0	0	0	0
261083	NBSNPR1	132.00	33.8261	4.945	0	0	0	0	0	0
261084	NHALDIA1	132.00	66.3565	9.702	0	0	0	0	0	0
261085	JNGIPARA	132.00	20.8182	3.044	0	0	0	0	0	0
261086	BRSINGHA	132.00	59.8497	8.75	0	0	0	0	0	0
261087	BARJORA	132.00	25.5956	7.671	0	0	0	0	0	0
261088	BELMRWB	132.00	19.5169	2.853	0	0	0	0	0	0
261089	N TOWN1	132.00	62.4524	9.13	0	0	0	0	0	0
261090	COCHBHR	132.00	104.0866	15.217	0	0	0	0	0	0
261091	GANGRPR	132.00	48.1398	7.038	0	0	0	0	0	0
261092	BIGHATI	132.00	31.2268	4.565	0	0	0	0	0	0
261093	CHALSA	132.00	24.72	3.614	0	0	0	0	0	0
261094	CONTAI	132.00	76.765	11.223	0	0	0	0	0	0
261097	LEBONG	132.00	26.0214	3.805	0	0	0	0	0	0
261098	LALGOLA	132.00	28.6218	4.184	0	0	0	0	0	0
261100	JHARGRM	132.00	67.6567	9.891	0	0	0	0	0	0
261101	RAGNTHPR	132.00	16.913	2.474	0	0	0	0	0	0
261103	NJP 1	132.00	61.1511	8.94	0	0	0	0	0	0
261107	SALT LAKE_GIS	132.00	70.2594	10.272	0	0	0	0	0	0
262011	GOKORNO2	220.00	0	23.51	0	0	0	0	0	0
262020	BANTALA	220.00	67.6567	22.349	0	0	0	0	0	0
264007	PPSP	400.00	0	0	0	0	0	0	0	0
271000	PRKST GI	132.00	94.5057	26.786	0	0	0	0	0	0
271001	PRKLN GI	132.00	26.8775	7.864	0	0	0	0	0	0
271002	BBD BAG	132.00	74.563	21.132	0	0	0	0	0	0
271004	CHAKMIR	132.00	34.6811	9.828	0	0	0	0	0	0
271006	MAJERHAT	132.00	93.6392	25.227	0	0	0	0	0	0
271007	JADVPUR	132.00	78.0333	22.934	0	0	0	0	0	0



**Odisha**

Bus Number	Bus Name	Pload (MW)	Qload (Mvar)	IPload (MW)	IQload (Mvar)	YPload (MW)	YQload (Mvar)	Distributed Gen (MW)	Distributed Gen (Mvar)
251000	JEYNGAR1	132.00	156.9662	8.538	0	0	0	0	0
251001	THRUVL1	132.00	0	3.594	0	0	106.1646	0	0
251002	BHNGAR1	132.00	71.3489	3.981	0	0	0	0	0
251003	ASKA1	132.00	31.152	6.036	0	0	0	0	0
251004	BRHMPUR1	132.00	82.7281	5.393	0	0	0	0	0
251005	CHTRSPLT	132.00	49.6364	1.019	0	0	0	0	0
251006	CHTRPUR1	132.00	41.363	3.981	0	0	0	0	0
251007	CHODWAR1	132.00	169.8633	12.604	0	0	0	0	0
251008	CHAIPAL1	132.00	44.4528	3.981	0	0	0	0	0
251009	RSP1	132.00	47.748	15.694	0	0	0	0	0
251010	TALCHER1	132.00	2.9673	0	0	0	0	0	0
251011	ANGUL	132.00	93.3762	4.643	0	0	0	0	0
251012	HIRAKUD1	132.00	0	0	0	0	0	0	0
251013	BRHMPT	132.00	0	0	0	0	0	0	0
251014	CHIPLIMA	132.00	29.5655	1.733	0	0	0	0	0
251015	JHRSGDA1	132.00	50.6822	3.032	0	0	0	0	0
251016	TARKERA1	132.00	130.6078	12.561	0	0	0	0	0
251017	JODA1	132.00	153.496	6.498	0	0	0	0	0
251018	ROURKELA	132.00	72.4771	7.362	0	0	0	0	0
251019	CHANDKA1	132.00	21.2329	5.97	0	0	0	0	0
251020	CHNDK(T)	132.00	33	10	0	0	0	0	0
251021	DHENKNL1	132.00	42.8102	5.307	0	0	0	0	0
251023	TARKESPT	132.00	68.227	22.425	0	0	0	0	0
251024	BHADRAK1	132.00	0	9.949	0	0	171.2376	0	0
251025	DUBURI 1	132.00	169.8633	15.92	0	0	0	0	0
251026	BLANGIR	132.00	116.1483	6.929	0	0	0	0	0
251027	BALASOR1	132.00	0	21.889	0	0	53.0833	0	0
251028	RAYGADA	132.00	31.1236	0.898	0	0	0	0	0
251029	MOHANA 1	132.00	31.1236	1.348	0	0	0	0	0
251030	BHBNSWR	132.00	95.5481	9.288	0	0	0	0	0
251031	JAJPURD1	132.00	0	8.625	0	0	157.1838	0	0
251032	CUTTACK1	132.00	74.4568	7.298	0	0	0	0	0
251034	BIDANASI	132.00	74.3141	7.961	0	0	0	0	0
251035	NIMAPARA	132.00	74.0891	3.316	0	0	0	0	0
251036	PURI	132.00	42.4658	4.643	0	0	0	0	0
251037	KURDA(T)	132.00	53.413	17.556	0	0	0	0	0
251038	BUDIPATR1	132.00	156.2721	9.095	0	0	0	0	0
251039	RJGNGPR	132.00	141.4915	8.662	0	0	0	0	0
251040	SMBLPUR	132.00	78.1382	4.765	0	0	0	0	0
251041	BROJNAGR	132.00	63.458	20.858	0	0	0	0	0
251042	BARGARH	132.00	14.7849	0.867	0	0	0	0	0
251043	SANTHLA	132.00	3.78	0.623	0	0	0	0	0
251044	KESINGA	132.00	0	4.494	0	0	96.3171	0	0
251045	KNDRPRA	132.00	106.1646	5.97	0	0	0	0	0
251046	PARADIP	132.00	106.1646	5.97	0	0	0	0	0
251047	PLSPONA	132.00	63.3522	3.899	0	0	0	0	0
251048	RRNGPUR	132.00	57.0785	1.733	0	0	0	0	0
251049	BARIPDA	132.00	44.664	4.271	0	0	0	0	0
251050	JALESWR	132.00	28	8	0	0	0	0	0
251051	GANJAM 1	132.00	37.0456	1.328	0	0	0	0	0
251052	BLUGAON	132.00	96.3171	5.307	0	0	0	0	0
251053	KHURDAH	132.00	63.6987	5.97	0	0	0	0	0
251054	NRNPUR1	132.00	42.8102	3.594	0	0	0	0	0



**Bihar**

Bus Number	Bus Name	Pload (MW)	Qload (Mvar)	IPload (MW)	IQload (Mvar)	YPload (MW)	YQload (Mvar)	Distribute d Gen (MW)	Distribute d Gen (Mvar)
211000	BODGAYA1 132.00	72.8496	24.465	0	0	0	0	0	0
211001	BHRSHRF 132.00	222.9515	2.777	0	0	0	0	0	0
211002	BARAUNI 132.00	71.1141	8.328	0	0	0	0	0	0
211003	SAMSTPR 132.00	61.4671	18.047	0	0	0	0	0	0
211004	PANDOUL 132.00	136.4232	20.823	0	0	0	0	0	0
211005	MUZZAFARPUR1132.00	104.0184	29.15	0	0	0	0	0	0
211007	CHAPRA 1 132.00	44.9217	12.493	0	0	0	0	0	0
211008	PURNEA 1 132.00	117.8906	58.301	0	0	0	0	0	0
211009	SAHARS 1 132.00	56.7384	15.271	0	0	0	0	0	0
211010	HAZIPUR1 132.00	40.19	11.102	0	0	0	0	0	0
211011	RAFIGNJ 132.00	33.0928	9.717	0	0	0	0	0	0
211012	DUMRAON 132.00	45.3304	13.879	0	0	0	0	0	0
211013	JEHNABD 132.00	42.5512	12.493	0	0	0	0	0	0
211014	JAMALPR 132.00	52.0087	15.271	0	0	0	0	0	0
211015	HATIDAH 132.00	59.1048	16.657	0	0	0	0	0	0
211016	FATUAH 1 132.00	89.0404	14.82	0	0	0	0	0	0
211017	SULTNGJ 132.00	33.0928	9.717	0	0	0	0	0	0
211018	SABOUR 1 132.00	29.1641	5.755	0	0	0	0	0	0
211019	KHAGAUL 132.00	145.7013	77.283	0	0	0	0	0	0
211020	PATNA B 132.00	129.5116	99.946	0	0	0	0	0	0
211021	DEHRI 1 132.00	56.7384	16.657	0	0	0	0	0	0
211022	PATNA 1 132.00	0	0	0	0	0	0	0	0
211023	SONNGAR 132.00	75.6543	35.511	0	0	0	0	0	0
211024	KHLGN_B1 132.00	14.668	6.568	0	0	0	0	0	0
211025	MOTIHRI 132.00	86.8758	22.594	0	0	0	0	0	0
211026	SITAMRI 132.00	89.638	18.561	0	0	0	0	0	0
211027	ARRA(BS) 132.00	56.6609	15.271	0	0	0	0	0	0
211028	RAJGIR 132.00	33.0928	9.717	0	0	0	0	0	0
211030	SIWAN 132.00	40.19	11.102	0	0	0	0	0	0
211031	BETTIA 132.00	70.2988	11.225	0	0	0	0	0	0
211032	RAMNAGAR 132.00	23.6405	6.941	0	0	0	0	0	0
211033	KATIHAR 132.00	40.19	11.102	0	0	0	0	0	0
211034	FORBISGANJ 132.00	50.002	10.773	0	0	0	0	0	0
211035	LAKHISAR 132.00	56.7384	16.657	0	0	0	0	0	0
211036	JAMUI 132.00	35.4623	9.717	0	0	0	0	0	0
211037	BARIPHRI 132.00	134.0956	26.371	0	0	0	0	0	0
211038	GAIGHAT 132.00	96.9294	27.762	0	0	0	0	0	0
211039	KUDRA 132.00	40.562	13.332	0	0	0	0	0	0
211040	KRMNASA 132.00	63.0457	30.051	0	0	0	0	0	0
211042	SIPRA_1 132.00	48.0728	11.508	0	0	0	0	0	0
211045	GPLGNJ1 132.00	98.4193	16.981	0	0	0	0	0	0
211046	DRBHNG1 132.00	82.2632	25.475	0	0	0	0	0	0
211047	SASARAM 132.00	37.8246	11.102	0	0	0	0	0	0
211048	PUSAULI 132.00	4.7277	1.39	0	0	0	0	0	0
211049	MOHANIA 132.00	44.9217	12.493	0	0	0	0	0	0
211050	BARH 132.00	26.0048	6.941	0	0	0	0	0	0
211051	EKANGSR 132.00	7.089	1.39	0	0	0	0	0	0





