Database CTUIL 2029-30 used.

PSS(R)E-36.5.0 IEC 60909 SHORT CIRCUIT CURRENTS
MON, NOV 02 2026 17:28

OUTPUT FOR ZONE 44 [W.BENGAL]

OPTIONS USED:
- MAXIMUM FAULT CURRENT CALCULATIONS, IMPEDANCE CORRECTION FACTORS CALCULATED AND APPLIED
- VOLTAGE FACTOR C= 1.00 (SPECIFIED)
- SET SYNCHRONOUS/ASYNCHRONOUS MACHINE POWER OUTPUTS TO P=0.0, Q=0.0
- SET GENERATOR POSITIVE SEQUENCE REACTANCES TO SUBTRANSIENT
- SET INDUCTION MACHINE POSITIVE SEQUENCE REACTANCES TO SUBTRANSIENT
- SET TRANSFORMER TAP RATIOS=1.0 PU AND PHASE SHIFT ANGLES=0.0
- SET LINE CHARGING=0.0 IN +/- SEQUENCES
- LINE/FIXED/SWITCHED SHUNTS AND TRANSFORMER MAGNETIZING ADMITTANCE REPRESENTED IN +/-/0 SEQUENCES
- LOAD REPRESENTED IN +/-/0 SEQUENCES
- DC LINES AND FACTS DEVICES BLOCKED
- IMPEDANCE CORRECTIONS APPLIED TO TRANSFORMER ZERO SEQUENCE IMPEDANCES
- NUMBER OF NON-CONVENTIONAL SOURCES [GENERATORS]=0
- NUMBER OF SERIES CAPACITOR BRANCHES WITH MOV PROTECTION ENABLED=0

For different fault types Total Fault Current (I"k) is determined as below:
3ph fault = I"k = Ia1
LG Fault = I"k = Ia = 3*Ia0
LLG Fault = I"k = Ib + Ic = 3*Ia0 = 2Ia0 - (Ia1+Ia2)
LL Fault = I"k = Ib = -Ic = a^2*Ia1 + a*Ia2

SCMVA = PU MVA * SBASE = sqrt(3) * I"k (in kA) * bus base kV [where SBASE=100.0 MVA and is defined at 1 PU voltage]

X---------- BUS ----------X		THREE PHASE FAULT /I+/	VOLTAGE AN(I+)	FACTOR
441001	[BANDEL-TPS 132.00] AMP	33167.5	-69.23	1.00
441003	[HASIRMARA 132.00] AMP	4822.4	-69.71	1.00
441004	[HARISHCHANDR132.00] AMP	6894.5	-66.96	1.00
441005	[RASHMI 132.00] AMP	11860.6	-71.88	1.00
441009	[BANARHAT 132.00] AMP	5183.7	-70.68	1.00
441010	[BIRPARA-PG 132.00] AMP	13583.8	-78.10	1.00
441011	[SAGARDIGH_N1132.00] AMP	11275.3	-79.04	1.00
441012	[BAGMUNDI 132.00] AMP	3343.9	-67.56	1.00
441013	[GAZOL 132.00] AMP	17202.4	-75.37	1.00
441014	[JHALDA 132.00] AMP	2320.9	-65.71	1.00
441016	[MALDAPG 132.00] AMP	17591.6	-77.41	1.00
441018	[KHARAGPUR-WB132.00] AMP	12586.9	-79.62	1.00
441021	[SILIGURI-WB 132.00] AMP	14575.9	-72.79	1.00
441022	[SILIGURI-PG 132.00] AMP	17112.0	-75.33	1.00
441023	[MOHITNAGAR 132.00] AMP	11297.4	-69.42	1.00
441029	[FALAKATA 132.00] AMP	12738.5	-77.87	1.00
441032	[JALDAKHA 132.00] AMP	4407.0	-67.69	1.00
441050	[REJINAGAR_N1132.00] AMP	17862.1	-72.20	1.00
441053	[KAKDWIP 132.00] AMP	7107.1	-68.62	1.00
441054	[RENIA 132.00] AMP	14190.9	-65.05	1.00
441058	[SONAKALI 132.00] AMP	5088.9	-71.87	1.00
441059	[MINAKHAN 132.00] AMP	5524.6	-74.31	1.00
441061	[RAMMAM-II 132.00] AMP	6397.2	-71.83	1.00
441062	[RAMMAM-I 132.00] AMP	5506.7	-71.90	1.00
441063	[BAGULA 132.00] AMP	12926.9	-69.24	1.00
441064	[PANPUR_132 132.00] AMP	19876.8	-61.41	1.00
441066	[KONA 132.00] AMP	23782.8	-68.73	1.00
441068	[BURDWAN MAHA132.00] AMP	17032.0	-69.91	1.00
441069	[JANGALPUR 132.00] AMP	9148.5	-82.57	1.00
441073	[GOALTORE 132.00] AMP	8838.4	-61.66	1.00
441075	[MANBAZAR 132.00] AMP	5024.9	-71.51	1.00
441079	[FOOD_132 132.00] AMP	8928.2	-84.74	1.00
441084	[BULK_132 132.00] AMP	12365.1	-71.19	1.00
441091	[DOMKOL 132.00] AMP	4514.2	-64.90	1.00
441092	[FOUNDRY PARK33.000] AMP	21273.2	-83.15	1.00

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66	441093	[HURA	132.00]	AMP	10121.3	-76.84	1.00
67	441094	[BAGNAN	132.00]	AMP	14510.5	-72.46	1.00
68	441095	[NAJIRPUR	132.00]	AMP	7591.4	-66.39	1.00
69	441096	[SIRAKOL	132.00]	AMP	12344.0	-68.24	1.00
70	441097	[MATHABHANGA	132.00]	AMP	9425.1	-71.44	1.00
71	441099	[MAHACHAND	132.00]	AMP	14945.3	-72.62	1.00
72	441101	[VIDYASGR PRK	132.00]	AMP	13157.8	-74.60	1.00
73	441102	[SALTORA_132	132.00]	AMP	8416.3	-72.01	1.00
74	441103	[AB_ZONE_132	132.00]	AMP	29856.2	-72.97	1.00
75	441104	[DPL_132	132.00]	AMP	29265.5	-73.35	1.00
76	441105	[B_ZONE_132	132.00]	AMP	29024.3	-71.82	1.00
77	441106	[A_ZONE_132	132.00]	AMP	27338.7	-70.27	1.00
78	441107	[BAMUNARA_132	132.00]	AMP	26970.4	-70.63	1.00
79	441108	[C_ZONE_132	132.00]	AMP	26070.7	-71.46	1.00
80	441109	[C1_ZONE_132	132.00]	AMP	25486.4	-71.35	1.00
81	441110	[BULKS_HMB	132.00]	AMP	9725.0	-68.11	1.00
82	441111	[BORJORA-2	132.00]	AMP	14639.7	-69.42	1.00
83	441112	[BAMUNARA_2	132.00]	AMP	26970.4	-70.63	1.00
84	441113	[A_ZONE_2	132.00]	AMP	27338.7	-70.27	1.00
85	441119	[NILGANJ_132	132.00]	AMP	12675.0	-69.57	1.00
86	441120	[SILICON VALL	132.00]	AMP	23289.7	-74.37	1.00
87	441201	[KULI	132.00]	AMP	12557.4	-69.72	1.00
88	441202	[PANCHAMI	132.00]	AMP	10601.3	-64.45	1.00
89	441216	[BELMURI	132.00]	AMP	19537.9	-71.47	1.00
90	441501	[PURULIA-WB	132.00]	AMP	8746.2	-74.86	1.00
91	441503	[SANTLDI	132.00]	AMP	8403.8	-80.38	1.00
92	441505	[HOWRAH	132.00]	AMP	24608.1	-71.68	1.00
93	441506	[ABDALPUR	132.00]	AMP	12920.1	-72.62	1.00
94	441507	[FOOD PARK	132.00]	AMP	3288.7	-63.52	1.00
95	441508	[KTPS132	132.00]	AMP	18064.2	-76.74	1.00
96	441509	[KOLAGHAT	132.00]	AMP	16497.7	-75.64	1.00
97	441511	[MANIKCHAK	132.00]	AMP	9088.0	-71.54	1.00
98	441512	[RISHRA	132.00]	AMP	29639.3	-71.21	1.00
99	441513	[ADISPTGR	132.00]	AMP	21730.9	-66.76	1.00
100	441514	[DHARAMPUR	132.00]	AMP	33953.2	-70.04	1.00
101	441515	[KALYANI	132.00]	AMP	25268.1	-68.17	1.00
102	441516	[RANAGHAT	132.00]	AMP	15751.0	-67.15	1.00
103	441517	[ASOKNAGAR	132.00]	AMP	9230.8	-63.92	1.00
104	441518	[SALTLAKE ST	132.00]	AMP	25677.3	-72.76	1.00
105	441519	[GAIGHATA	132.00]	AMP	13335.4	-68.75	1.00
106	441520	[KASBA-WB	132.00]	AMP	25972.7	-73.05	1.00
107	441521	[SONARPUR	132.00]	AMP	15503.3	-63.70	1.00
108	441522	[BEHALA	132.00]	AMP	14330.9	-66.70	1.00
109	441523	[UJANOO	132.00]	AMP	14235.6	-72.29	1.00
110	441525	[JEERAT	132.00]	AMP	33313.1	-73.23	1.00
111	441526	[TATA-METALLI	132.00]	AMP	11036.8	-70.77	1.00
112	441527	[CHAPRA	132.00]	AMP	13486.1	-68.78	1.00
113	441528	[KESHIARY	132.00]	AMP	8824.2	-72.06	1.00
114	441529	[KHRGPR-WBIDC	132.00]	AMP	12980.5	-71.88	1.00
115	441531	[SAINTHIA	132.00]	AMP	10543.4	-69.24	1.00
116	441532	[KALNA	132.00]	AMP	10926.6	-68.78	1.00
117	441533	[SATGCHA1	132.00]	AMP	24276.3	-73.83	1.00
118	441534	[TITAGARH-WB	132.00]	AMP	10366.0	-63.71	1.00
119	441535	[KATWA	132.00]	AMP	15194.3	-67.51	1.00
120	441536	[DEBGRAM	132.00]	AMP	16028.2	-68.53	1.00
121	441537	[RAGHUNATHGNJ	132.00]	AMP	9212.5	-70.17	1.00
122	441539	[LAVPUR	132.00]	AMP	6568.3	-65.80	1.00
123	441540	[LILUAH	132.00]	AMP	24951.3	-69.00	1.00
124	441541	[HINDMTR	132.00]	AMP	15943.6	-68.66	1.00
125	441542	[BERHAMPUR	132.00]	AMP	17557.4	-66.36	1.00
126	441543	[BOLPUR	132.00]	AMP	10043.6	-66.35	1.00
127	441544	[FALTA	132.00]	AMP	9602.3	-66.85	1.00
128	441546	[HIJLI-WB	132.00]	AMP	8503.0	-69.93	1.00
129	441547	[RAIGUNJ	132.00]	AMP	8337.3	-65.85	1.00
130	441548	[HIJLE-TSS	132.00]	AMP	8411.3	-69.94	1.00
131	441549	[ARAMBAGH	132.00]	AMP	22660.2	-75.11	1.00
132	441550	[UKHRA	132.00]	AMP	13939.7	-61.12	1.00
133	441551	[MALDA-WB	132.00]	AMP	17459.4	-74.51	1.00
134	441552	[DALKOLA1	132.00]	AMP	14556.2	-75.10	1.00

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135	441553	[NBU	132.00]	AMP	16091.3	-73.25	1.00
136	441554	[BIRPARAW1	132.00]	AMP	13520.4	-77.59	1.00
137	441555	[HALDIA	132.00]	AMP	14406.5	-75.57	1.00
138	441556	[MOYNAGURI	132.00]	AMP	11422.4	-69.43	1.00
139	441557	[GOKARNA	132.00]	AMP	25728.6	-75.12	1.00
140	441558	[BISNUPUR	132.00]	AMP	19251.7	-70.18	1.00
141	441559	[KHATRA	132.00]	AMP	4377.7	-65.65	1.00
142	441560	[BANKURA	132.00]	AMP	9537.2	-68.70	1.00
143	441561	[EGRA	132.00]	AMP	9099.3	-74.71	1.00
144	441562	[LAXMIKANTPUR	132.00]	AMP	13643.4	-71.20	1.00
145	441563	[BEL	132.00]	AMP	6239.0	-71.41	1.00
146	441564	[RAMGANGA	132.00]	AMP	7091.6	-68.21	1.00
147	441565	[RESHMI	132.00]	AMP	11294.5	-69.97	1.00
148	441568	[SUBHASGRAM	132.00]	AMP	10618.8	-82.20	1.00
149	441569	[MIDNAPUR	132.00]	AMP	18419.2	-73.63	1.00
150	441570	[TATAPWRHALDI	132.00]	AMP	12084.9	-75.03	1.00
151	441571	[DEBRA	132.00]	AMP	10803.7	-69.95	1.00
152	441572	[BALIACHAK	132.00]	AMP	9687.7	-69.51	1.00
153	441573	[PINGLA	132.00]	AMP	8923.0	-69.42	1.00
154	441574	[SALAR	132.00]	AMP	13073.9	-68.34	1.00
155	441575	[RAINA1	132.00]	AMP	10573.7	-66.97	1.00
156	441576	[TARAKESWAR	132.00]	AMP	19530.5	-69.24	1.00
157	441577	[ULUBERIA1	132.00]	AMP	14253.6	-70.68	1.00
158	441578	[BASIRHAT	132.00]	AMP	9610.8	-64.02	1.00
159	441579	[BONGAON	132.00]	AMP	10943.7	-66.98	1.00
160	441580	[KRISHNANGR	132.00]	AMP	21536.3	-73.65	1.00
161	441581	[BARASAT	132.00]	AMP	17990.7	-74.77	1.00
162	441582	[MANKAR1	132.00]	AMP	16865.8	-69.50	1.00
163	441583	[RAMPURHAT	132.00]	AMP	8353.2	-64.85	1.00
164	441584	[KHNYAN1	132.00]	AMP	17470.1	-67.62	1.00
165	441585	[CHANDITALA	132.00]	AMP	22716.6	-69.74	1.00
166	441586	[BHADRAPUR	132.00]	AMP	9529.0	-66.09	1.00
167	441587	[CLC	132.00]	AMP	10716.0	-82.85	1.00
168	441588	[AMBUJA-CEMEN	132.00]	AMP	8997.8	-65.79	1.00
169	441590	[DOMJUR1	132.00]	AMP	25368.8	-74.69	1.00
170	441592	[TAMLUK	132.00]	AMP	12120.8	-70.18	1.00
171	441594	[DHATRIGRM	132.00]	AMP	6901.4	-68.84	1.00
172	441595	[FARAKKA-SW	132.00]	AMP	10702.0	-65.20	1.00
173	441596	[DHULIAN	132.00]	AMP	9149.7	-67.15	1.00
174	441597	[KHJURIA	132.00]	AMP	11103.9	-64.90	1.00
175	441598	[SAMSI	132.00]	AMP	7237.8	-68.30	1.00
176	441599	[BALURGHT1	132.00]	AMP	4640.0	-64.58	1.00
177	441601	[DHUNSERI	132.00]	AMP	12334.3	-70.70	1.00
178	441602	[SADAIPUR	132.00]	AMP	19749.7	-77.27	1.00
179	441603	[PANAGARH	132.00]	AMP	15807.5	-69.49	1.00
180	441604	[NJP1(W)	132.00]	AMP	21941.3	-78.23	1.00
181	441605	[ALIPURDUAR1	132.00]	AMP	12836.8	-79.35	1.00
182	441607	[KAMAKHYAGURI	132.00]	AMP	2032.1	-66.33	1.00
183	441610	[BARUIPUR	132.00]	AMP	5012.3	-82.02	1.00
184	441611	[SALTLAKE-GIS	132.00]	AMP	25651.2	-72.67	1.00
185	441612	[SALTLAKE	132.00]	AMP	22635.9	-72.21	1.00
186	441614	[GUNJARIA	132.00]	AMP	2977.2	-67.77	1.00
187	441615	[RANGAPANI	132.00]	AMP	8452.2	-70.21	1.00
188	441616	[AMTALA	132.00]	AMP	10686.8	-68.16	1.00
189	441619	[ASANSOL1	132.00]	AMP	8687.5	-80.02	1.00
190	441620	[TCF-1	132.00]	AMP	13420.0	-72.04	1.00
191	441621	[BISNUPUR-NEW	132.00]	AMP	20175.8	-71.57	1.00
192	441623	[INDUS	132.00]	AMP	9620.0	-66.62	1.00
193	441624	[HALDIA-NEW	132.00]	AMP	14622.8	-76.25	1.00
194	441625	[JANGIPARA	132.00]	AMP	17509.1	-69.60	1.00
195	441626	[BIRSINGHA	132.00]	AMP	13091.3	-68.65	1.00
196	441627	[TCF-2	132.00]	AMP	8493.4	-69.97	1.00
197	441628	[BORJORA	132.00]	AMP	14639.7	-69.42	1.00
198	441629	[TCF-3	132.00]	AMP	8973.5	-69.66	1.00
199	441630	[ISLAMPUR	132.00]	AMP	8371.3	-69.17	1.00
200	441631	[NEW TOWN AA1	132.00]	AMP	26299.0	-72.85	1.00
201	441632	[DINHATA	132.00]	AMP	4142.7	-68.41	1.00
202	441633	[NEW TOWN-AA3	132.00]	AMP	24624.0	-73.16	1.00
203	441635	[COOCHBEHAR	132.00]	AMP	10077.4	-73.39	1.00

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204	441646	[NEW TOWN IIC132.00]	AMP	22479.2	-75.06	1.00
205	441652	[TITAGARH-CES132.00]	AMP	10366.0	-63.71	1.00
206	441656	[MOHISPOTA 132.00]	AMP	9963.8	-68.68	1.00
207	441657	[KUSHMUNDI 132.00]	AMP	4995.7	-64.37	1.00
208	441658	[GANGARAMPUR 132.00]	AMP	5516.4	-64.83	1.00
209	441659	[BIGHATI 132.00]	AMP	22192.1	-68.55	1.00
210	441660	[CHALSA 132.00]	AMP	5295.5	-67.39	1.00
211	441661	[CONTAI 132.00]	AMP	5212.1	-67.78	1.00
212	441662	[BAJKUL 132.00]	AMP	7341.7	-68.29	1.00
213	441664	[LEBONG 132.00]	AMP	5224.7	-69.47	1.00
214	441665	[LALGOLA 132.00]	AMP	5275.6	-65.82	1.00
215	441666	[SONAR-BANGLA132.00]	AMP	5193.3	-66.83	1.00
216	441667	[JHARGRAM 132.00]	AMP	8889.7	-70.54	1.00
217	441668	[RAGHUNATHPR 132.00]	AMP	11759.5	-78.12	1.00
218	441670	[CKROAD1 132.00]	AMP	15743.0	-67.85	1.00
219	441671	[OCL (BULK) 132.00]	AMP	9158.4	-69.32	1.00
220	441678	[JSW (BULK) 132.00]	AMP	8275.2	-69.13	1.00
221	441679	[RAMNAGAR 132.00]	AMP	6307.0	-69.10	1.00
222	441801	[VSP UDYOG 132.00]	AMP	26918.4	-70.63	1.00
223	441900	[HALDIA-NIZ 132.00]	AMP	11762.8	-69.05	1.00
224	441911	[RAMMAM-III 132.00]	AMP	6548.3	-86.85	1.00
225	441912	[BIDHANNGR 132.00]	AMP	31879.2	-74.47	1.00
226	441914	[CRSTPOW 132.00]	AMP	6756.6	-78.68	1.00
227	441915	[DANKUNI 132.00]	AMP	17581.6	-69.13	1.00
228	441916	[HPCL 132.00]	AMP	13064.9	-75.20	1.00
229	441933	[RAIGUNJ-2 132.00]	AMP	8337.3	-65.85	1.00
230	441987	[MADARIHAT TS132.00]	AMP	5637.4	-73.97	1.00
231	442002	[ALIPURDUR_WB220.00]	AMP	18284.0	-82.55	1.00
232	442007	[RAJARHAT 220.00]	AMP	30454.0	-75.71	1.00
233	442010	[SAGARDIGHI_2220.00]	AMP	14560.8	-82.56	1.00
234	442011	[SAGARDIGH_N2220.00]	AMP	15859.6	-80.70	1.00
235	442012	[KTPS220 220.00]	AMP	22233.6	-80.96	1.00
236	442013	[GAZOL 220.00]	AMP	15933.6	-79.74	1.00
237	442014	[FARAKKA_220 220.00]	AMP	12476.9	-85.77	1.00
238	442015	[CHANDITALA_N220.00]	AMP	36381.9	-77.29	1.00
239	442017	[DPL2 220.00]	AMP	26071.3	-78.91	1.00
240	442018	[KHARAGPR-WB 220.00]	AMP	20673.8	-81.04	1.00
241	442021	[BARASAT 220.00]	AMP	29163.1	-74.17	1.00
242	442022	[SILIGURI-PG 220.00]	AMP	22458.3	-82.18	1.00
243	442023	[BAKRESWAR 220.00]	AMP	29351.5	-81.59	1.00
244	442024	[DENDUA 220.00]	AMP	27191.5	-78.90	1.00
245	442025	[BIRPARA-PG 220.00]	AMP	18284.0	-81.07	1.00
246	442026	[DALKOLA-PG 220.00]	AMP	13184.7	-79.35	1.00
247	442027	[SHYAM_SEL 220.00]	AMP	11207.3	-78.06	1.00
248	442028	[SANTLDI 220.00]	AMP	14315.2	-80.07	1.00
249	442029	[FALAKATA 220.00]	AMP	15698.5	-80.18	1.00
250	442030	[JKNAGAR_2 220.00]	AMP	11333.4	-77.61	1.00
251	442031	[JAMURIA 220.00]	AMP	11094.1	-77.93	1.00
252	442033	[NANDANPUR 220.00]	AMP	7275.2	-84.65	1.00
253	442034	[PANAGARH_IND220.00]	AMP	22936.6	-80.01	1.00
254	442036	[TULSIBERIA 220.00]	AMP	16542.5	-77.37	1.00
255	442037	[FOODPARK 220.00]	AMP	17571.6	-75.84	1.00
256	442050	[REJINAGAR_N2220.00]	AMP	17789.1	-77.77	1.00
257	442069	[JANGALPUR 220.00]	AMP	18711.4	-75.34	1.00
258	442071	[SILIGURI-PG 220.00]	AMP	28108.6	-83.32	1.00
259	442073	[ALIPURDUAR 220.00]	AMP	20070.2	-82.53	1.00
260	442076	[SUBHAS-PG 220.00]	AMP	32683.8	-73.47	1.00
261	442090	[TSTLD-3 220.00]	AMP	8405.0	-83.10	1.00
262	442091	[TSTLD-4 220.00]	AMP	9033.5	-83.80	1.00
263	442092	[FOUNDRY PARK220.00]	AMP	21052.5	-77.71	1.00
264	442093	[HURA 220.00]	AMP	10583.3	-79.42	1.00
265	442094	[RAGHUNATHPUR220.00]	AMP	11757.1	-79.26	1.00
266	442095	[BARJORA_220 220.00]	AMP	14929.6	-79.48	1.00
267	442098	[BAPL_220 220.00]	AMP	10218.9	-86.44	1.00
268	442099	[MAHACHAND 220.00]	AMP	14791.7	-78.93	1.00
269	442101	[VIDYASGR PRK220.00]	AMP	11451.6	-79.07	1.00
270	442200	[KOTASUR 220.00]	AMP	17378.6	-79.88	1.00
271	442216	[BELMURI 220.00]	AMP	12467.2	-77.62	1.00
272	442415	[MALDA 2 220.00]	AMP	20668.2	-82.28	1.00

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273	442514	[DHARAMPUR	220.00]	AMP	25206.4	-77.00	1.00
274	442561	[EGRA	220.00]	AMP	7520.4	-77.53	1.00
275	442564	[DALKO_WB	220.00]	AMP	13024.8	-79.31	1.00
276	442566	[GOKARNA	220.00]	AMP	30626.2	-80.02	1.00
277	442568	[SUBHAS-WB	220.00]	AMP	31959.9	-73.47	1.00
278	442600	[NEW TOWNAA2C	220.00]	AMP	18816.5	-75.94	1.00
279	442602	[SADAIPUR	220.00]	AMP	26981.5	-80.60	1.00
280	442605	[NJP2(W)	220.00]	AMP	27358.0	-83.13	1.00
281	442610	[BARUIPUR	220.00]	AMP	4907.1	-77.94	1.00
282	442623	[HALDIA-NEW	220.00]	AMP	11975.8	-79.96	1.00
283	442624	[IPCL-HALDIA	220.00]	AMP	11362.5	-80.24	1.00
284	442627	[ASANSOL2	220.00]	AMP	10360.9	-77.58	1.00
285	442628	[MONGALPUR	220.00]	AMP	13868.7	-77.54	1.00
286	442633	[NEW TOWN-AA3	220.00]	AMP	26635.5	-74.68	1.00
287	442634	[KLC	220.00]	AMP	19303.4	-75.37	1.00
288	442656	[KASBA(CESC)	220.00]	AMP	16010.3	-68.65	1.00
289	442670	[CKROAD2	220.00]	AMP	12861.7	-79.11	1.00
290	442681	[FARAKKA	220.00]	AMP	15543.5	-87.14	1.00
291	442682	[DURGAPUR-A	220.00]	AMP	36143.4	-78.60	1.00
292	442683	[HOWRAH 2	220.00]	AMP	21957.1	-74.43	1.00
293	442684	[KASBA-WB	220.00]	AMP	22986.8	-72.34	1.00
294	442685	[JEERAT	220.00]	AMP	38516.2	-76.33	1.00
295	442686	[BIDHANNGR-WB	220.00]	AMP	32719.1	-79.79	1.00
296	442687	[BISNUPUR-NEW	220.00]	AMP	14858.7	-78.53	1.00
297	442688	[ARAMBAG	220.00]	AMP	31145.4	-79.28	1.00
298	442689	[SATGACHIA	220.00]	AMP	29912.1	-78.77	1.00
299	442690	[MIDNAPUR	220.00]	AMP	13971.5	-78.08	1.00
300	442691	[LAXMIKANTPUR	220.00]	AMP	11855.3	-74.15	1.00
301	442692	[DOMJUR2	220.00]	AMP	29932.6	-77.09	1.00
302	442693	[RISHRA	220.00]	AMP	24148.3	-75.66	1.00
303	442694	[KRISHNANGR	220.00]	AMP	22395.6	-76.57	1.00
304	442695	[AB_ZONE_220	220.00]	AMP	26585.2	-78.89	1.00
305	442822	[SPS ROLLING	220.00]	AMP	8740.6	-77.77	1.00
306	443070	[NT AA2C	33.000]	AMP	25513.2	-86.28	1.00
307	443633	[NEW TOWN-AA3	33.000]	AMP	21681.1	-83.12	1.00
308	444001	[MEDINIPUR4	400.00]	AMP	28421.9	-83.33	1.00
309	444007	[RAJARHAT	400.00]	AMP	22717.6	-78.28	1.00
310	444008	[JEERAT	400.00]	AMP	32307.7	-77.71	1.00
311	444009	[SUBHASGRAM	400.00]	AMP	23815.5	-76.54	1.00
312	444010	[SAGARDIGHI_4	400.00]	AMP	45415.9	-81.73	1.00
313	444012	[KOLAGHAT	400.00]	AMP	24753.4	-82.29	1.00
314	444013	[HALDIA-TPS	400.00]	AMP	12709.7	-83.27	1.00
315	444015	[CHANDITALA_N	400.00]	AMP	34587.5	-79.41	1.00
316	444018	[KHARAGPR-WB	400.00]	AMP	27442.3	-81.64	1.00
317	444019	[FARAKKA	400.00]	AMP	46815.8	-83.46	1.00
318	444021	[MALDA	400.00]	AMP	26142.1	-82.87	1.00
319	444023	[BAKRASWR	400.00]	AMP	14355.0	-84.53	1.00
320	444024	[GOKARNA	400.00]	AMP	33547.3	-81.77	1.00
321	444025	[SATGCHIA_400	400.00]	AMP	23032.7	-80.99	1.00
322	444030	[ARAMBAGH	400.00]	AMP	24249.6	-81.18	1.00
323	444072	[SILIGURI-PG	400.00]	AMP	34128.7	-84.07	1.00
324	444073	[ALIPURDUAR	400.00]	AMP	26635.8	-84.72	1.00
325	444074	[PPSP_NEW	400.00]	AMP	23667.8	-84.78	1.00
326	444075	[PURULIAPS	400.00]	AMP	23548.7	-84.82	1.00
327	444090	[JEERAT-NEW	400.00]	AMP	29255.7	-79.38	1.00
328	444101	[BEHRAMPUR	400.00]	AMP	32558.8	-81.79	1.00
329	444421	[BIDHAN NGR	400.00]	AMP	33274.8	-81.88	1.00
330	444422	[DURGAPUR-B	400.00]	AMP	39064.2	-81.65	1.00
331	444423	[DURGAPUR-A	400.00]	AMP	39064.2	-81.65	1.00
332	444425	[BAPL_400	400.00]	AMP	17351.0	-83.05	1.00
333	448001	[MEDINIPUR7	765.00]	AMP	17126.8	-83.96	1.00
334	448008	[JEERAT7	765.00]	AMP	13845.2	-83.10	1.00
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