

FIG. 1

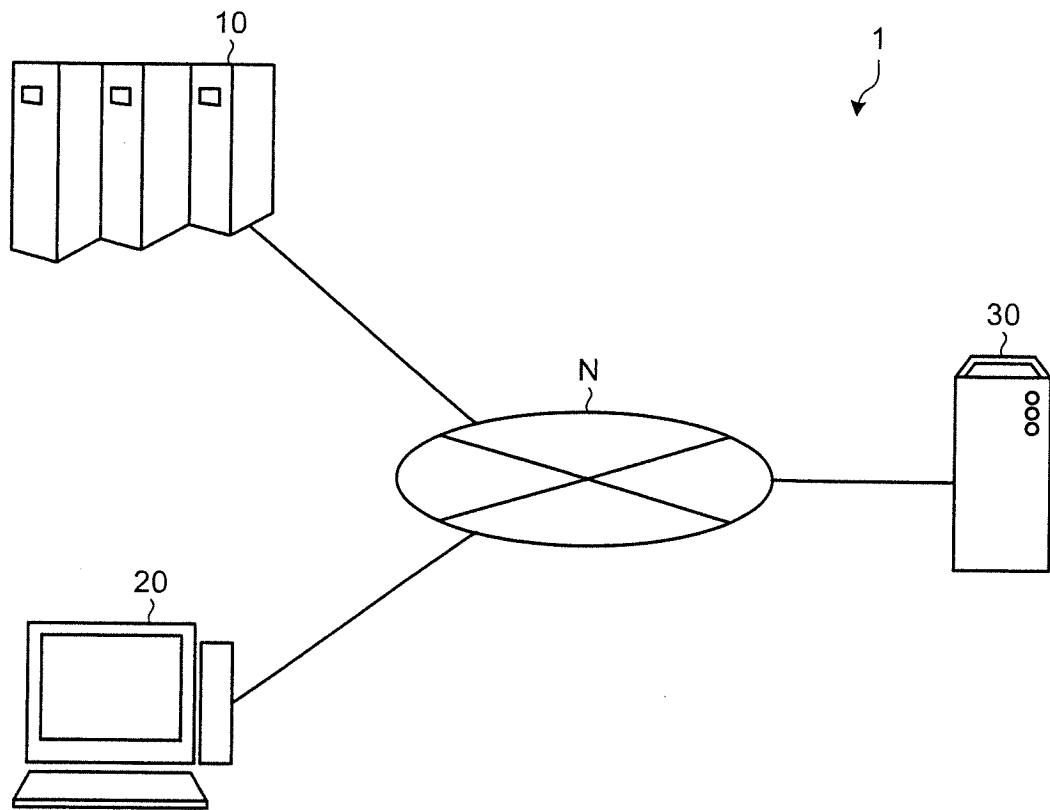


FIG.2

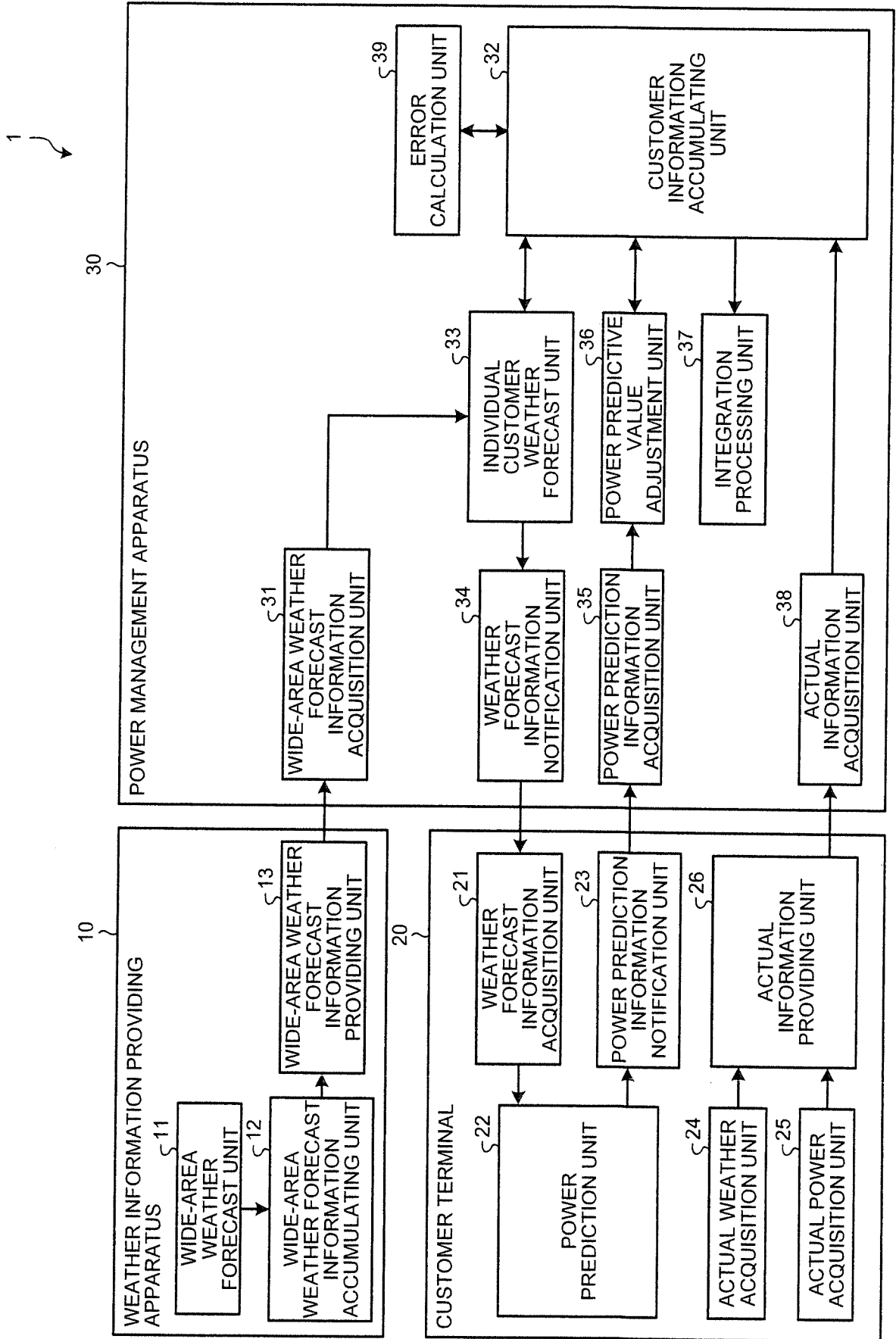


FIG.3

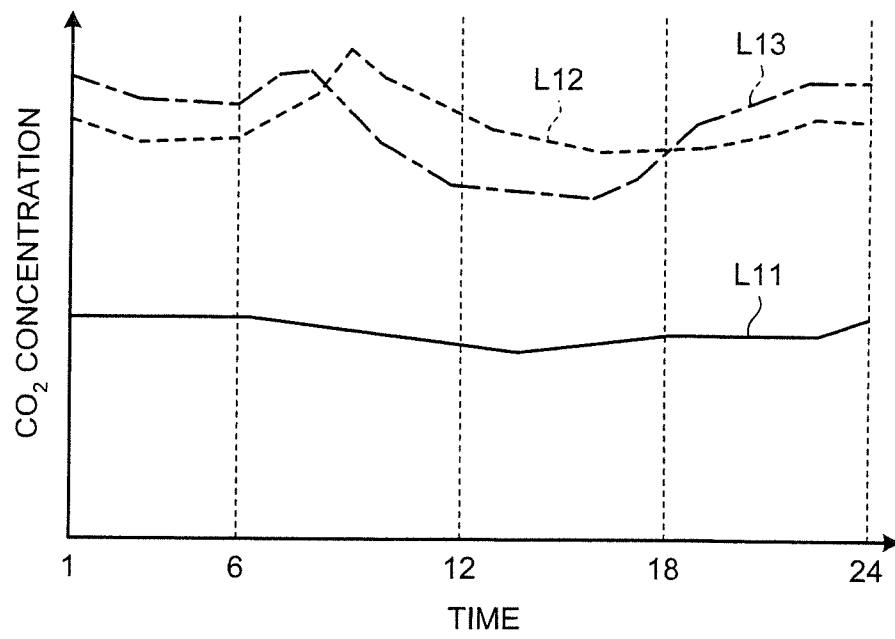


FIG.4

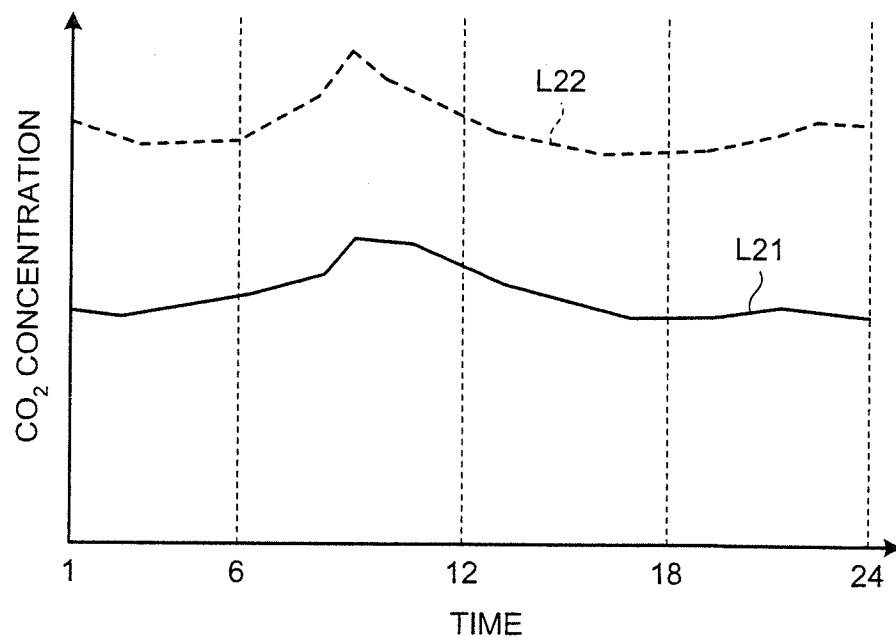


FIG.5

32
↓

CUS- TOMER ID	POSI- TIONAL INFOR- MATION	DATE AND TIME INFOR- MATION	WEATHER FORECAST INFOR- MATION	POWER PREDICTION INFORMATION		ACTUAL INFORMATION		ERROR INFOR- MATION
			WEATHER FORECAST VALUE	POWER CONSUMP- TION	REDUCIBLE POWER AMOUNT	ACTUAL WEATHER VALUE	POWER CONSUMP TION	

FIG.6

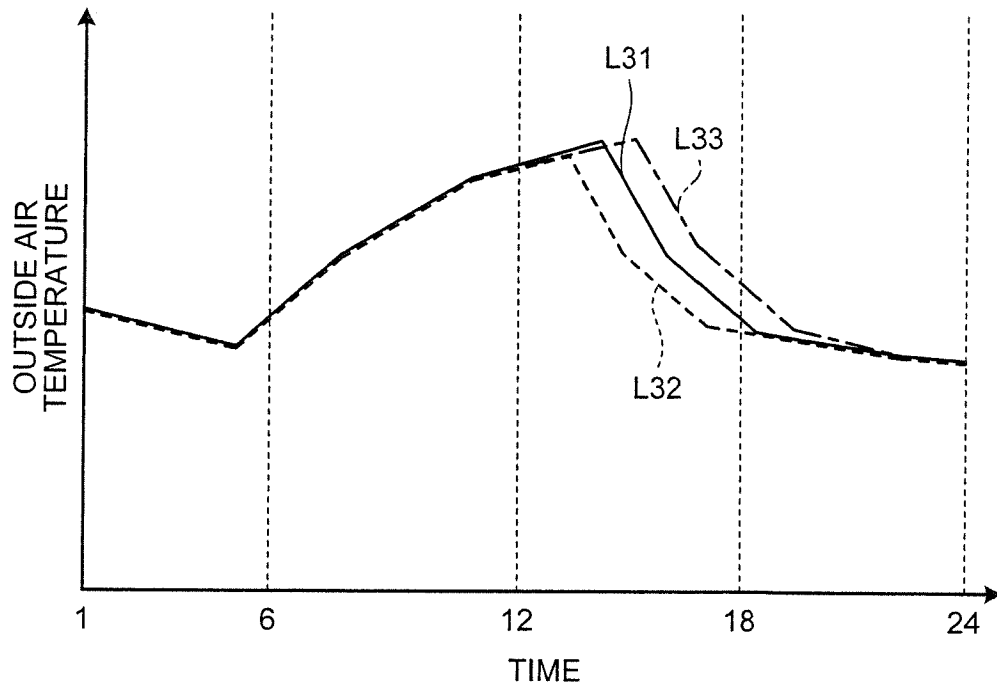


FIG.7

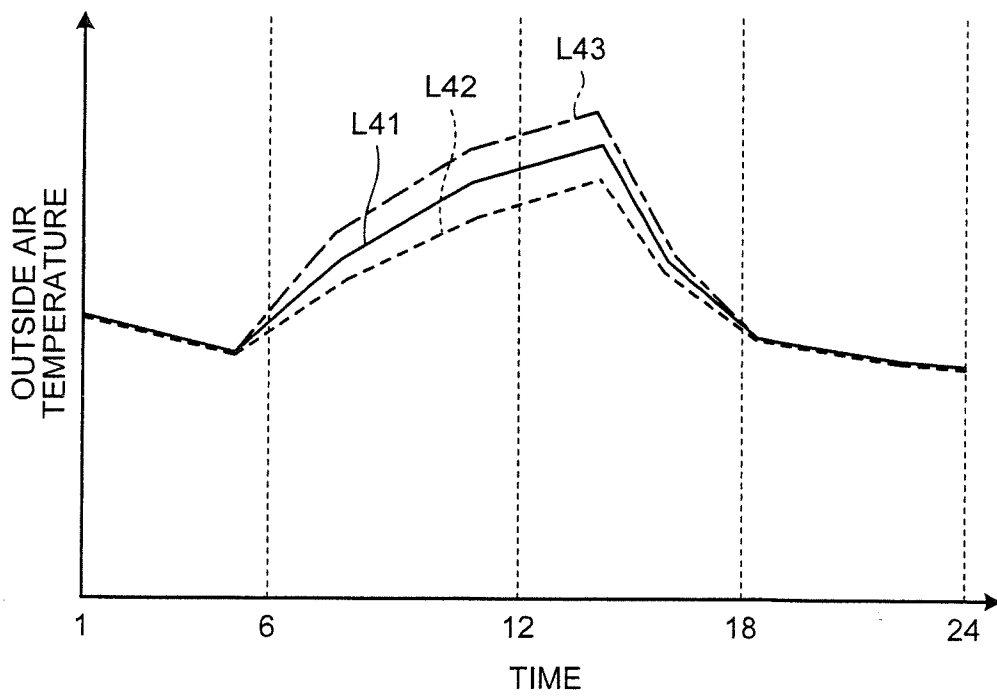


FIG.8

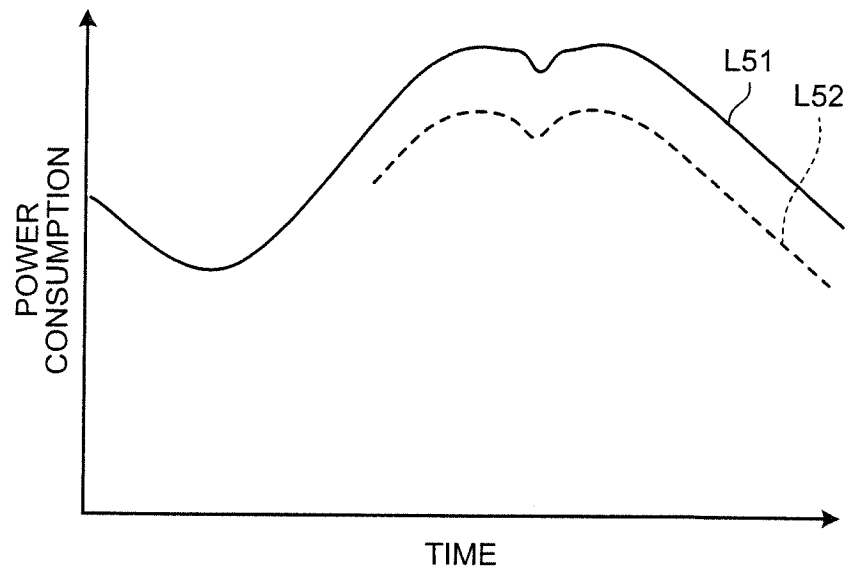


FIG.9

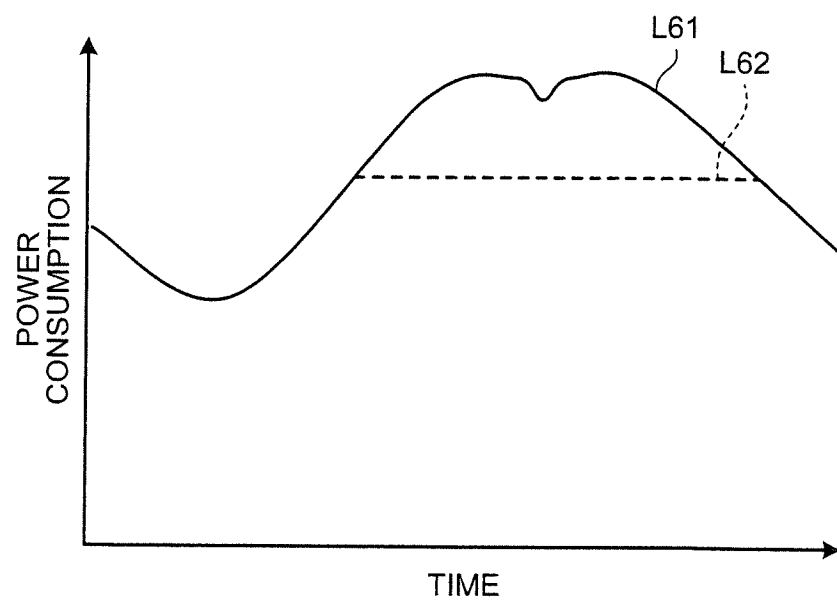


FIG.10

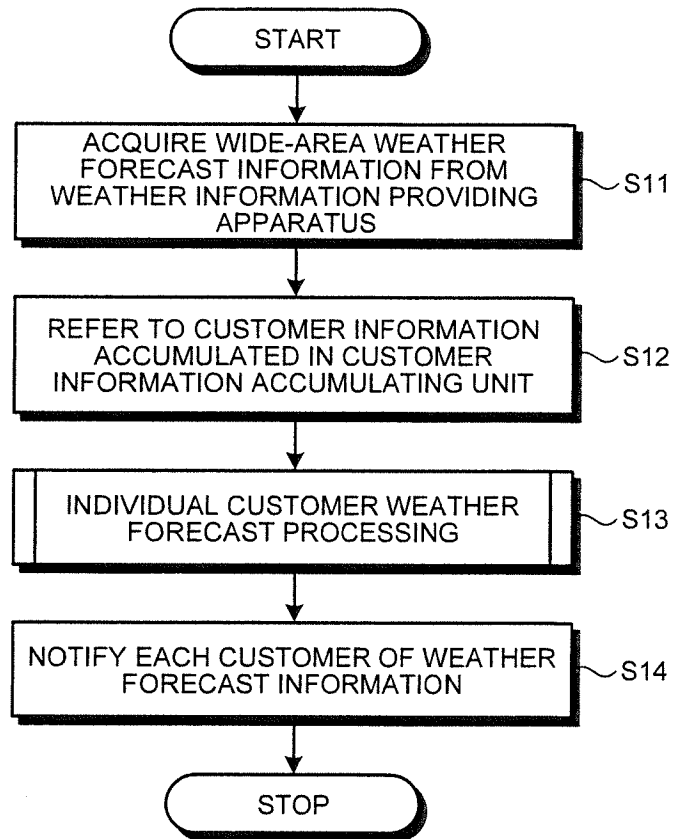
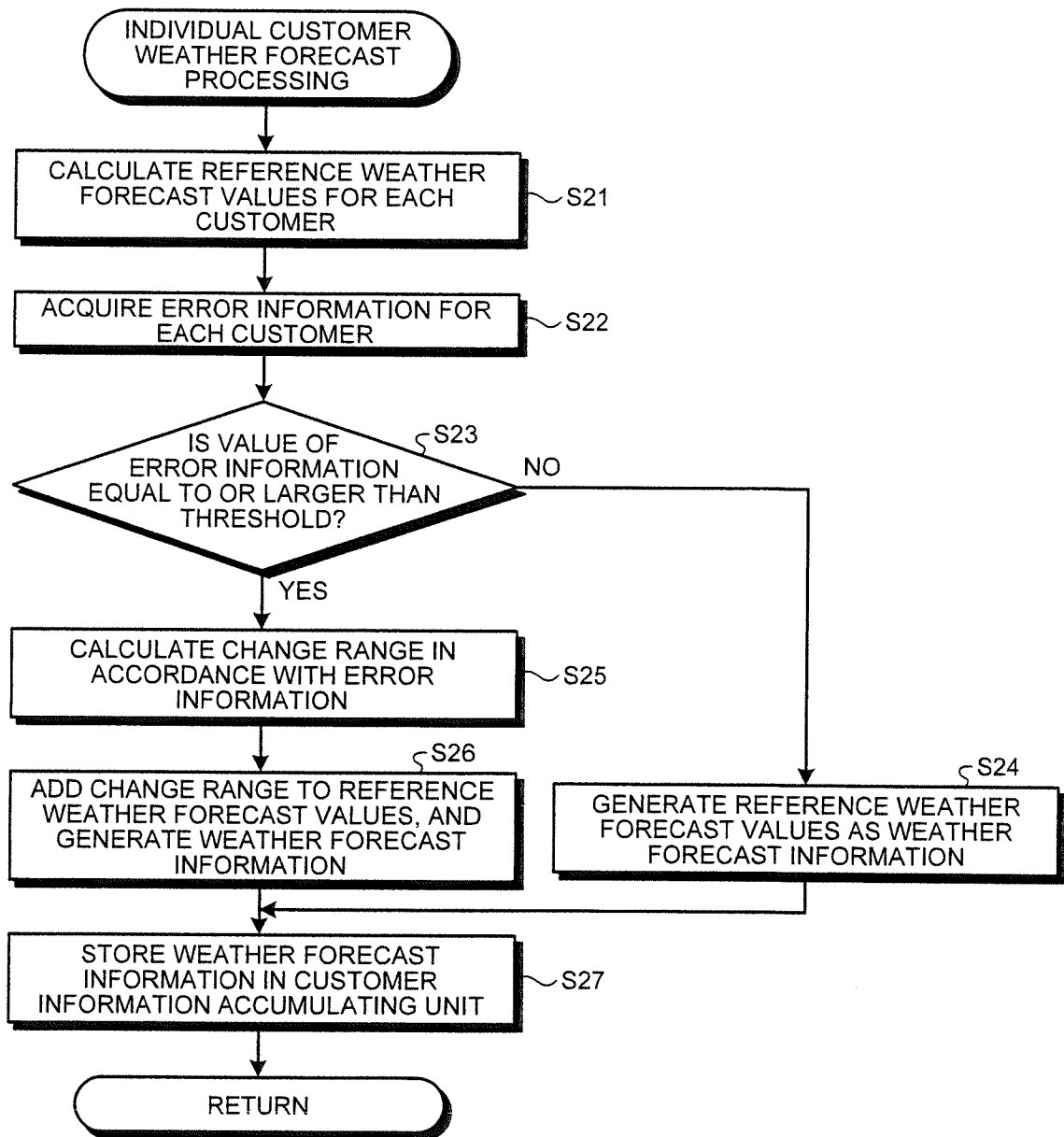


FIG.11



	DATE	TIME	WEATHER FORECAST VALUE									
			TEMPER- ATURE	HUMIDITY	CO ₂ CONCEN- TRATION	WIND DIRECTION	WIND VELOCITY	WEATHER	AMOUNT OF SOLAR RADIATION	AMOUNT OF CLOUD	AMOUNT OF PRECIPI- TATION	AMOUNT OF SNOWFALL
AREA A1	2011/8/1	18:00	21.00	46	400	8	6.8	003	0.25	9	0.0	0.0
	2011/8/1	19:00	20.20	55	407	8	5	003	0.02	9	0.0	0.0
	2011/8/1	20:00	20.00	58	408	8	3.1	003	0.00	9	0.0	0.0
	2011/8/1	21:00	19.60	63	410	8	3.8	003	0.00	9	0.0	0.0
	2011/8/1	22:00	19.60	63	412	8	3.3	003	0.00	9	0.0	0.0
	2011/8/1	23:00	19.30	65	413	8	2.6	003	0.00	9	0.0	0.0
	2011/8/2	0:00	19.00	67	413	7	2.4	003	0.00	9	0.0	0.0
	2011/8/2	1:00	18.60	60	412	9	4.7	003	0.00	9	0.0	0.0
	2011/8/2	2:00	18.50	62	411	10	4.4	003	0.00	9	0.0	0.0
	2011/8/2	3:00	18.40	61	409	9	5.4	003	0.00	9	0.0	0.0
	2011/8/2	4:00	18.40	60	408	9	4.5	003	0.00	9	0.0	0.0
	2011/8/2	5:00	18.30	61	408	9	5.6	003	0.00	10	0.0	0.0
	2011/8/2	6:00	18.40	62	410	10	3.8	003	0.19	10	0.0	0.0
	2011/8/2	7:00	19.10	60	414	9	4.4	003	0.60	10	0.0	0.0
	2011/8/2	8:00	20.00	55	414	9	3.9	003	1.12	10	0.0	0.0
	2011/8/2	9:00	21.30	51	407	10	3.9	003	1.59	10	0.0	0.0
	2011/8/2	10:00	22.60	47	402	8	2.9	003	2.16	10	0.0	0.0
	2011/8/2	11:00	22.70	40	399	9	4.5	003	2.46	10	0.0	0.0
	2011/8/2	12:00	23.10	40	396	8	4.8	003	2.53	10	0.0	0.0
	2011/8/2	13:00	22.10	50	395	7	6.6	003	2.48	10	0.0	0.0
	2011/8/2	14:00	22.30	49	395	8	5.2	003	2.19	10	0.0	0.0
	2011/8/2	15:00	22.50	46	395	8	5.4	003	2.19	10	0.0	0.0
	2011/8/2	16:00	22.30	42	394	8	3.3	003	1.73	10	0.0	0.0
	2011/8/2	17:00	21.80	46	395	7	4.8	003	0.68	9	0.0	0.0
	2011/8/2	18:00	21.00	46	400	8	6.8	003	0.25	9	0.0	0.0
	2011/8/2	19:00	20.20	55	407	8	5	003	0.02	9	0.0	0.0
	2011/8/2	20:00	20.00	58	408	8	3.1	003	0.00	9	0.0	0.0
	2011/8/2	21:00	19.60	63	410	8	3.8	003	0.00	9	0.0	0.0
	2011/8/2	22:00	19.60	63	412	8	3.3	003	0.00	9	0.0	0.0
	2011/8/2	23:00	19.30	65	413	8	2.6	003	0.00	9	0.0	0.0
:												

FIG.13

ζD11

CUS-TOMER ID	POSI-TIONAL INFOR-MATION	TYPE	WEATHER FORECAST ID
9910035	990021	FORE-CAST	e4089910

ζD12

DATE	TIME	WEATHER FORECAST VALUE									
		TEMPER- ATURE	HUMIDITY	CO ₂ CONCEN- TRATION	WIND DIRECTION	WIND VELOCITY	WEATHER	AMOUNT OF SOLAR RADIATION	AMOUNT OF CLOUD	AMOUNT OF PRECIPI- TATION	AMOUNT OF SNOWFALL
2011/8/1	18:00	21.00	46	400	8	6.8	003	0.25	9	0.0	0.0
2011/8/1	19:00	20.20	55	407	8	5	003	0.02	9	0.0	0.0
2011/8/1	20:00	20.00	58	408	8	3.1	003	0.00	9	0.0	0.0
2011/8/1	21:00	19.60	63	410	8	3.8	003	0.00	9	0.0	0.0
2011/8/1	22:00	19.60	63	412	8	3.3	003	0.00	9	0.0	0.0
2011/8/1	23:00	19.30	65	413	8	2.6	003	0.00	9	0.0	0.0
2011/8/2	0:00	19.00	67	413	7	2.4	003	0.00	9	0.0	0.0
2011/8/2	1:00	18.60	60	412	9	4.7	003	0.00	9	0.0	0.0
2011/8/2	2:00	18.50	62	411	10	4.4	003	0.00	9	0.0	0.0
2011/8/2	3:00	18.40	61	409	9	5.4	003	0.00	9	0.0	0.0
2011/8/2	4:00	18.40	60	408	9	4.5	003	0.00	9	0.0	0.0
2011/8/2	5:00	18.30	61	408	9	5.6	003	0.00	10	0.0	0.0
2011/8/2	6:00	18.40	62	410	10	3.8	003	0.19	10	0.0	0.0
2011/8/2	7:00	19.10	60	414	9	4.4	003	0.60	10	0.0	0.0
2011/8/2	8:00	20.00	55	414	9	3.9	003	1.12	10	0.0	0.0
2011/8/2	9:00	21.30	51	407	10	3.9	003	1.59	10	0.0	0.0
2011/8/2	10:00	22.60	47	402	8	2.9	003	2.16	10	0.0	0.0
2011/8/2	11:00	22.70	40	399	9	4.5	003	2.46	10	0.0	0.0
2011/8/2	12:00	23.10	40	396	8	4.8	003	2.53	10	0.0	0.0
2011/8/2	13:00	22.10	50	395	7	6.6	003	2.48	10	0.0	0.0
2011/8/2	14:00	22.30	49	395	8	5.2	003	2.19	10	0.0	0.0
2011/8/2	15:00	22.50	46	395	8	5.4	003	2.19	10	0.0	0.0
2011/8/2	16:00	22.30	42	394	8	3.3	003	1.73	10	0.0	0.0
2011/8/2	17:00	21.80	46	395	7	4.8	003	0.68	9	0.0	0.0
2011/8/2	18:00	21.00	46	400	8	6.8	003	0.25	9	0.0	0.0
2011/8/2	19:00	20.20	55	407	8	5	003	0.02	9	0.0	0.0
2011/8/2	20:00	20.00	58	408	8	3.1	003	0.00	9	0.0	0.0
2011/8/2	21:00	19.60	63	410	8	3.8	003	0.00	9	0.0	0.0
2011/8/2	22:00	19.60	63	412	8	3.3	003	0.00	9	0.0	0.0
2011/8/2	23:00	19.30	65	413	8	2.6	003	0.00	9	0.0	0.0

FIG.14

§ D11

CUS-TOMER ID	POSITIONAL INFORMATION	TYPE	WEATHER FORECAST ID
9910035	990021	UP-PER LIMIT	e4089911

§ D12

DATE	TIME	WEATHER FORECAST VALUE									
		TEMPER-ATURE	HUMIDITY	CO ₂ CONCENTRATION	WIND DIRECTION	WIND VELOCITY	WEATHER	AMOUNT OF SOLAR RADIATION	AMOUNT OF CLOUD	AMOUNT OF PRECIPITATION	AMOUNT OF SNOWFALL
2011/8/1	18:00	21.00	59	401	8	7.8	002	0.02	11	0.0	0.0
2011/8/1	19:00	20.20	58	415	8	7	003	0.02	12	0.0	0.0
2011/8/1	20:00	20.00	66	423	8	5.1	003	0.00	10	0.0	0.0
2011/8/1	21:00	19.60	71	414	8	5.8	003	0.00	10	0.0	0.0
2011/8/1	22:00	19.60	72	423	8	4.3	003	0.00	10	0.0	0.0
2011/8/1	23:00	19.30	73	416	8	4.6	003	0.00	11	0.0	0.0
2011/8/2	0:00	19.00	86	414	7	4.4	003	0.00	10	0.0	0.0
2011/8/2	1:00	18.60	77	418	9	6.7	003	0.00	10	0.0	0.0
2011/8/2	2:00	18.50	73	431	10	6.4	003	0.00	12	0.0	0.0
2011/8/2	3:00	18.40	76	416	9	7.4	003	0.00	10	0.0	0.0
2011/8/2	4:00	18.40	76	418	9	6.5	003	0.00	11	0.0	0.0
2011/8/2	5:00	18.30	63	419	9	7.6	003	0.00	11	0.0	0.0
2011/8/2	6:00	18.40	71	427	10	5.8	003	0.19	13	0.0	0.0
2011/8/2	7:00	19.10	67	422	9	6.4	003	0.60	11	0.0	0.0
2011/8/2	8:00	20.00	57	433	9	4.9	003	1.12	13	0.0	0.0
2011/8/2	9:00	21.30	65	419	10	4.9	003	1.59	11	0.0	0.0
2011/8/2	10:00	22.60	66	415	8	3.9	003	2.16	13	0.0	0.0
2011/8/2	11:00	22.70	41	401	9	6.5	003	2.46	13	0.0	0.0
2011/8/2	12:00	23.10	47	401	8	5.8	003	2.53	11	0.0	0.0
2011/8/2	13:00	22.10	54	408	7	8.6	003	2.48	13	0.0	0.0
2011/8/2	14:00	22.30	53	404	8	7.2	003	2.19	12	0.0	0.0
2011/8/2	15:00	22.50	49	406	8	7.4	003	2.19	12	0.0	0.0
2011/8/2	16:00	22.30	60	409	8	4.3	003	1.73	13	0.0	0.0
2011/8/2	17:00	21.80	65	414	7	5.8	003	0.68	10	0.0	0.0
2011/8/2	18:00	21.00	50	416	8	8.8	003	0.25	12	0.0	0.0
2011/8/2	19:00	20.20	63	411	8	6	003	0.02	12	0.0	0.0
2011/8/2	20:00	20.00	64	414	8	4.1	003	0.00	10	0.0	0.0
2011/8/2	21:00	19.60	81	426	8	5.8	003	0.00	11	0.0	0.0
2011/8/2	22:00	19.60	83	413	8	4.3	003	0.00	11	0.0	0.0
2011/8/2	23:00	19.30	73	429	8	4.6	003	0.00	10	0.0	0.0

FIG.15

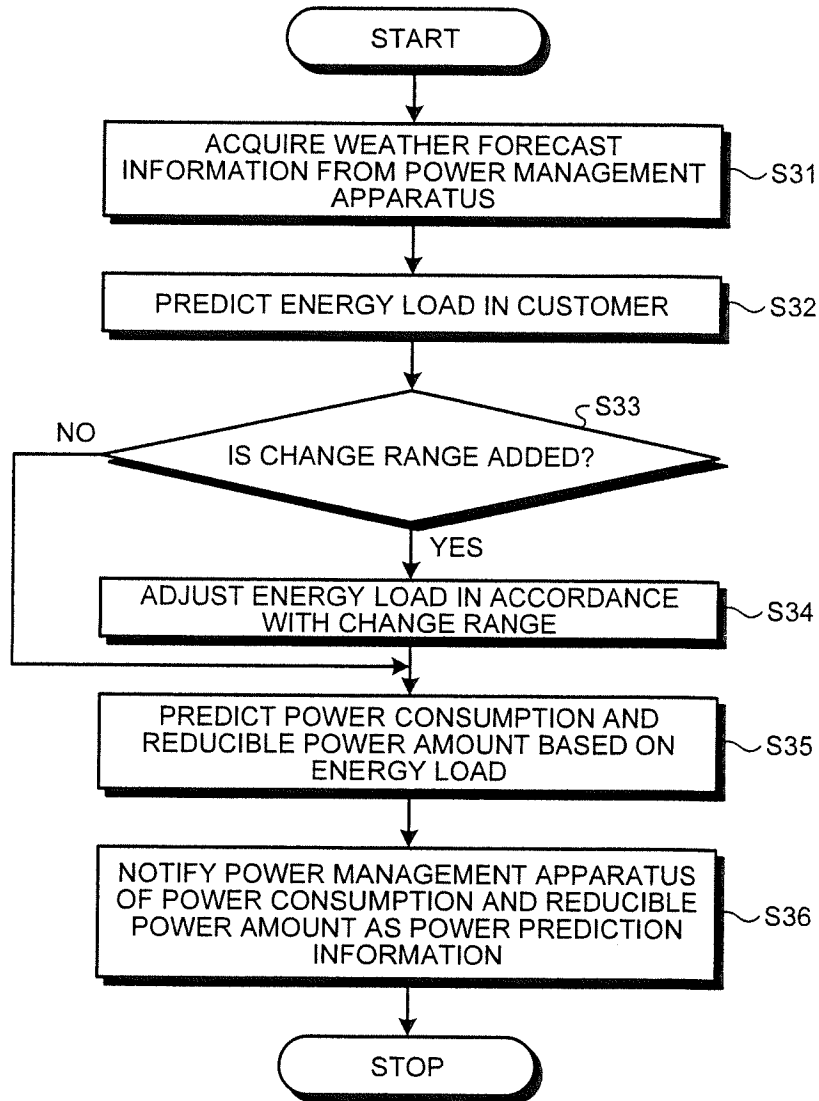


FIG.16

D21

CUSTOMER ID	POSITIONAL INFORMATION	WEATHER FORECAST ID
9910035	990021	e4089910

D22

DATE	TIME	POWER CON-SUMPTION	REDUCIBLE POWER AMOUNT
2011/8/1	18:00	460	50.6
2011/8/1	19:00	550	60.5
2011/8/1	20:00	580	75.4
2011/8/1	21:00	630	44.1
2011/8/1	22:00	630	6.3
2011/8/1	23:00	650	6.5
2011/8/2	0:00	670	0.0
2011/8/2	1:00	600	24.0
2011/8/2	2:00	620	74.4
2011/8/2	3:00	610	6.1
2011/8/2	4:00	600	60.0
2011/8/2	5:00	610	48.8
2011/8/2	6:00	620	18.6
2011/8/2	7:00	600	42.0
2011/8/2	8:00	550	71.5
2011/8/2	9:00	510	45.9
2011/8/2	10:00	470	14.1
2011/8/2	11:00	400	24.0
2011/8/2	12:00	400	40.0
2011/8/2	13:00	500	0.0
2011/8/2	14:00	490	53.9
2011/8/2	15:00	460	64.4
2011/8/2	16:00	420	21.0
2011/8/2	17:00	460	46.0
2011/8/2	18:00	460	13.8
2011/8/2	19:00	550	60.5
2011/8/2	20:00	580	5.8
2011/8/2	21:00	630	81.9
2011/8/2	22:00	630	88.2
2011/8/2	23:00	650	45.5

FIG.17

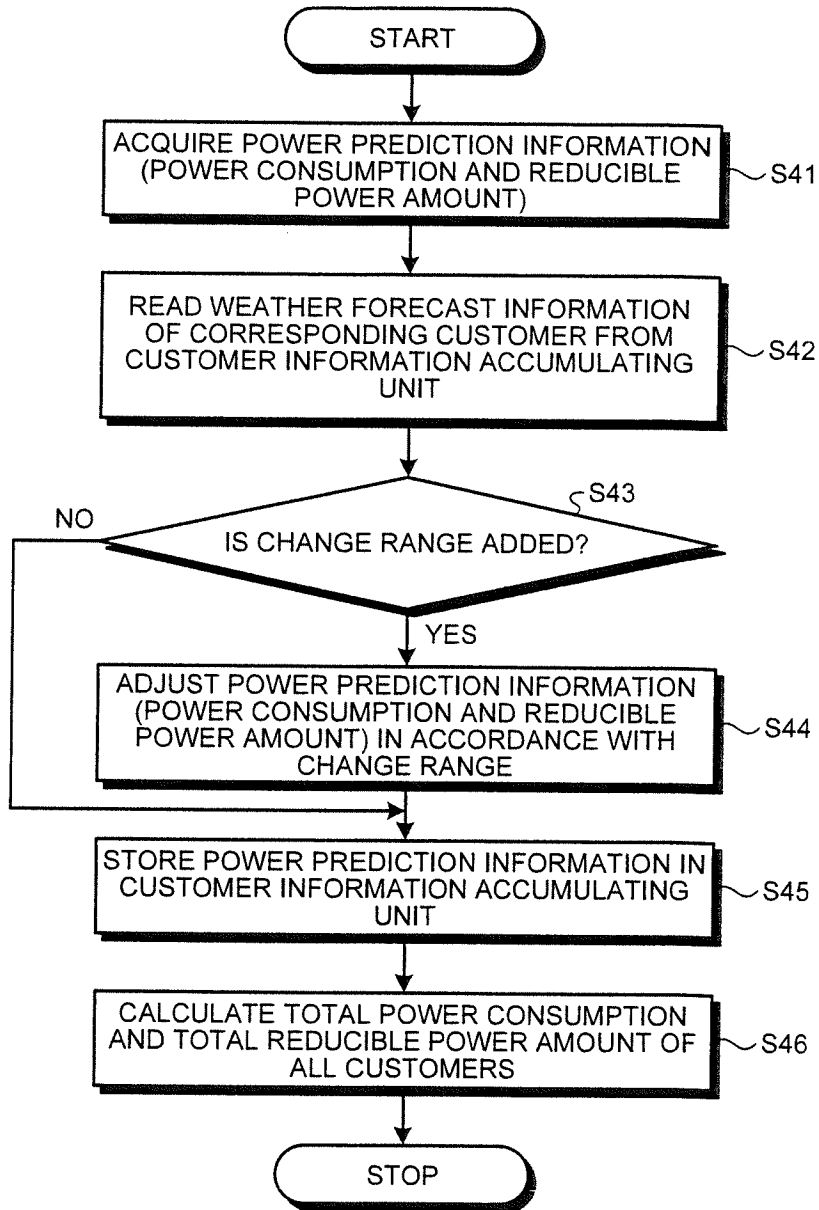


FIG.18

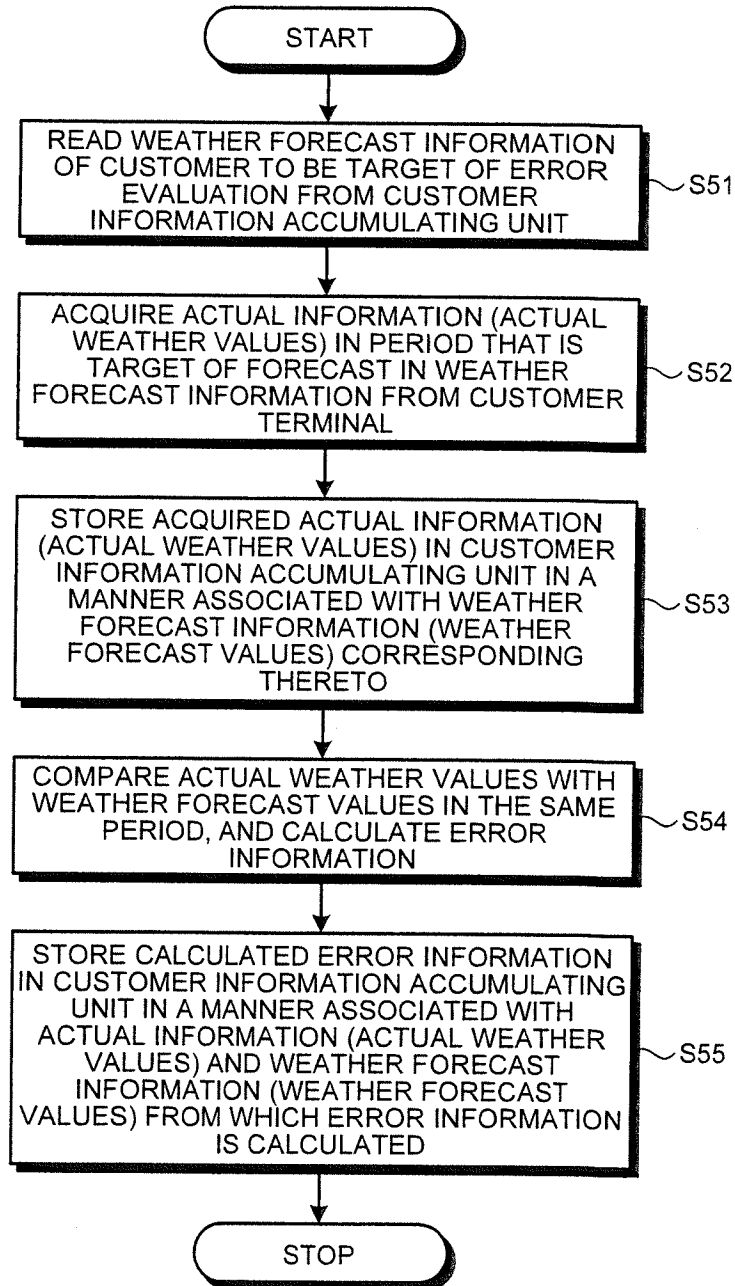


FIG.19

D31

CUS-TOMER ID	POSI-TIONAL INFOR-MATION	TYPE	ACTUAL ID	WEATHER FORECAST ID
9910035	990021	AC-TUAL	e4089912	e4089910

D32

DATE	TIME	WEATHER FORECAST VALUE									
		TEMPER- ATURE	HUMIDITY	CO ₂ CONCEN- TRATION	WIND DIRECTION	WIND VELOCITY	WEATHER	AMOUNT OF SOLAR RADIATION	AMOUNT OF CLOUD	AMOUNT OF PRECIPI- TATION	AMOUNT OF SNOWFALL
2011/8/1	18:00	21.00	46	400	8	6.8	003	0.25	9	0.0	0.0
2011/8/1	19:00	20.20	55	407	8	5	003	0.02	9	0.0	0.0
2011/8/1	20:00	20.00	58	408	8	3.1	003	0.00	9	0.0	0.0
2011/8/1	21:00	19.60	63	410	8	3.8	003	0.00	9	0.0	0.0
2011/8/1	22:00	19.60	63	412	8	3.3	003	0.00	9	0.0	0.0
2011/8/1	23:00	19.30	65	413	8	2.6	003	0.00	9	0.0	0.0
2011/8/2	0:00	19.00	67	413	7	2.4	003	0.00	9	0.0	0.0
2011/8/2	1:00	18.60	60	412	9	4.7	003	0.00	9	0.0	0.0
2011/8/2	2:00	18.50	62	411	10	4.4	003	0.00	9	0.0	0.0
2011/8/2	3:00	18.40	61	409	9	5.4	003	0.00	9	0.0	0.0
2011/8/2	4:00	18.40	60	408	9	4.5	003	0.00	9	0.0	0.0
2011/8/2	5:00	18.30	61	408	9	5.6	003	0.00	10	0.0	0.0
2011/8/2	6:00	18.40	62	410	10	3.8	003	0.19	10	0.0	0.0
2011/8/2	7:00	19.10	60	414	9	4.4	003	0.60	10	0.0	0.0
2011/8/2	8:00	20.00	55	414	9	3.9	003	1.12	10	0.0	0.0
2011/8/2	9:00	21.30	51	407	10	3.9	003	1.59	10	0.0	0.0
2011/8/2	10:00	22.60	47	402	8	2.9	003	2.16	10	0.0	0.0
2011/8/2	11:00	22.70	40	399	9	4.5	003	2.46	10	0.0	0.0
2011/8/2	12:00	23.10	40	396	8	4.8	003	2.53	10	0.0	0.0
2011/8/2	13:00	22.10	50	395	7	6.6	003	2.48	10	0.0	0.0
2011/8/2	14:00	22.30	49	395	8	5.2	003	2.19	10	0.0	0.0
2011/8/2	15:00	22.50	46	395	8	5.4	003	2.19	10	0.0	0.0
2011/8/2	16:00	22.30	42	394	8	3.3	003	1.73	10	0.0	0.0
2011/8/2	17:00	21.80	46	395	7	4.8	003	0.68	9	0.0	0.0
2011/8/2	18:00	21.00	46	400	8	6.8	003	0.25	9	0.0	0.0
2011/8/2	19:00	20.20	55	407	8	5	003	0.02	9	0.0	0.0
2011/8/2	20:00	20.00	58	408	8	3.1	003	0.00	9	0.0	0.0
2011/8/2	21:00	19.60	63	410	8	3.8	003	0.00	9	0.0	0.0
2011/8/2	22:00	19.60	63	412	8	3.3	003	0.00	9	0.0	0.0
2011/8/2	23:00	19.30	65	413	8	2.6	003	0.00	9	0.0	0.0

FIG.20

