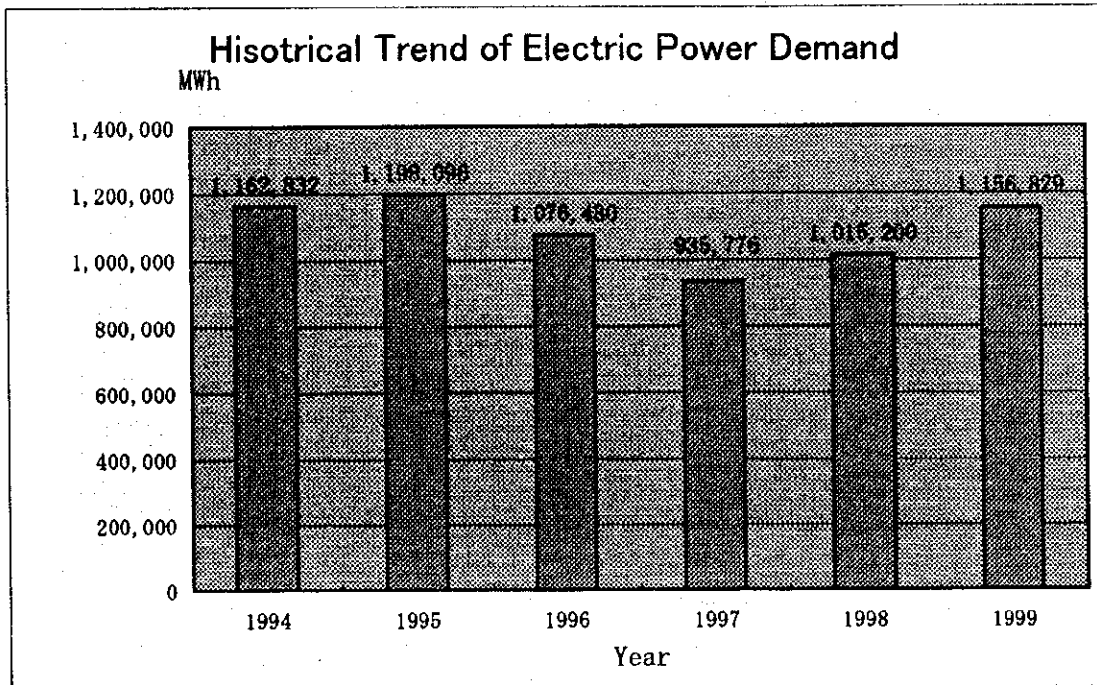
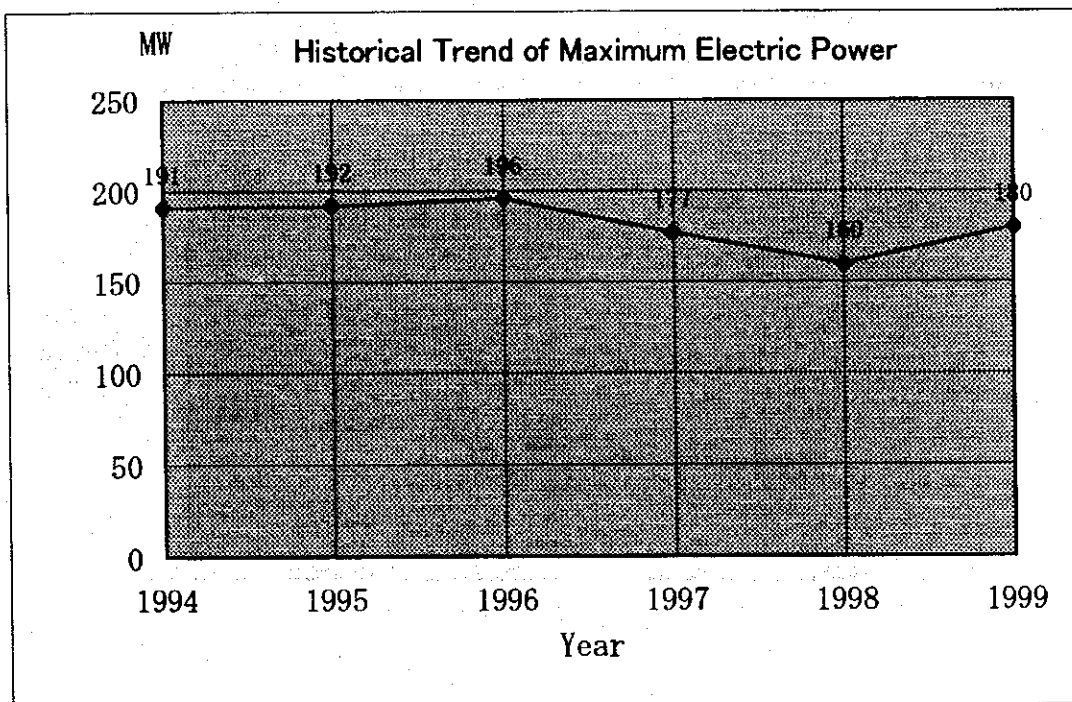


***FIGURE***

**Figure H.1.1 Historical Trend of Electric Power Demand**

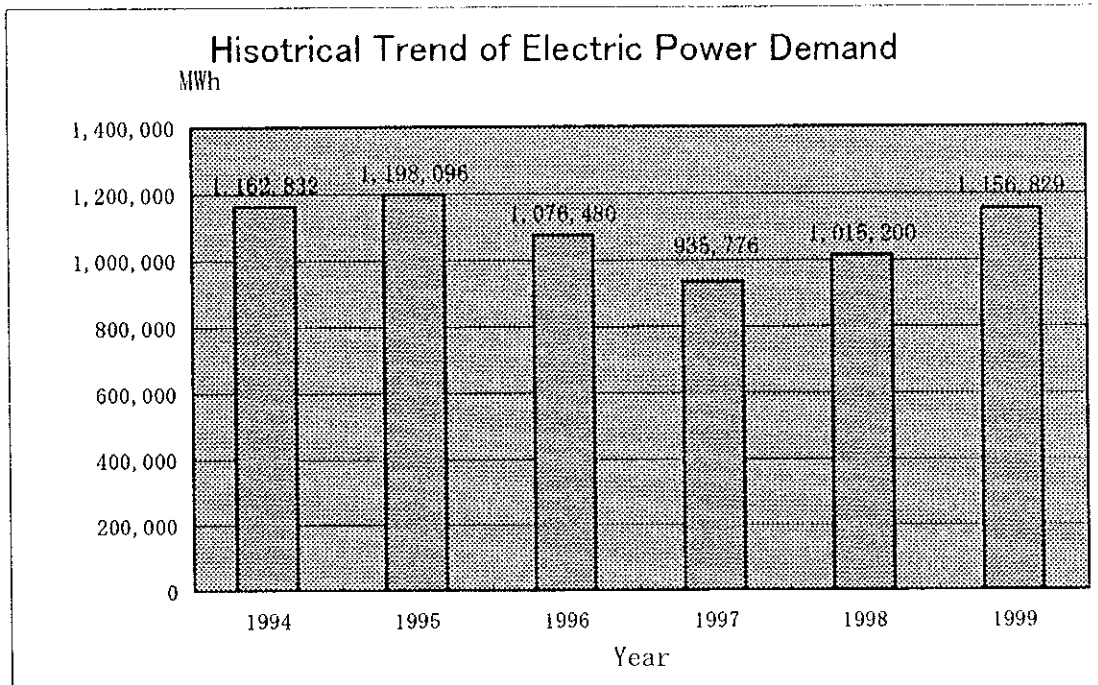


**Figure H.1.2 Historical Trend of Maximum Electric Power**

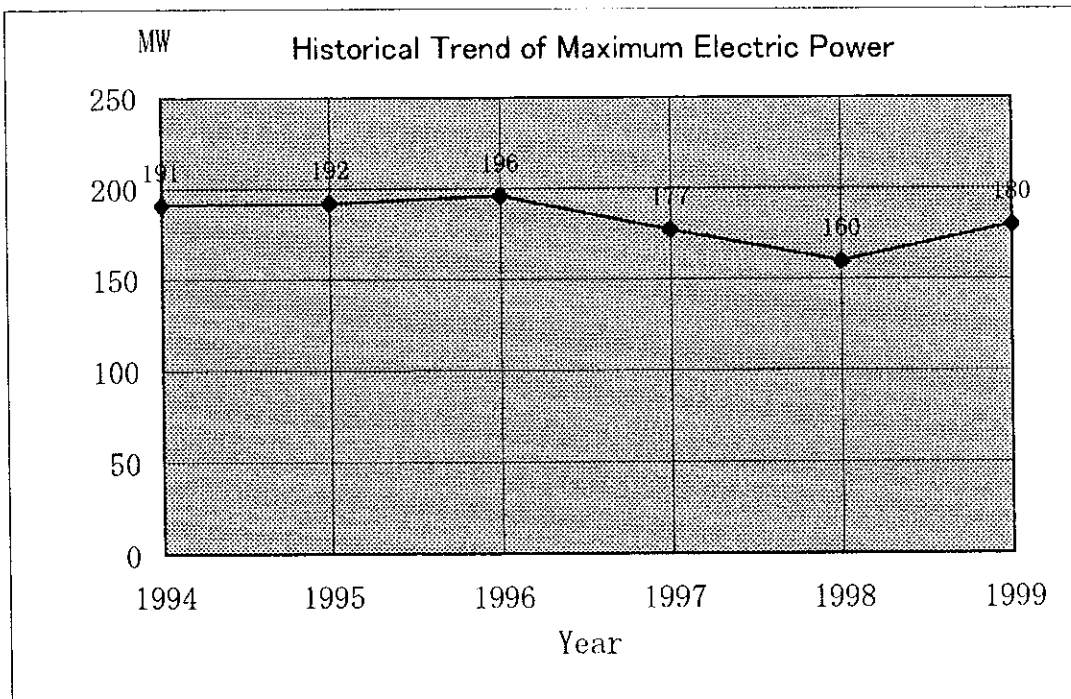


***FIGURE***

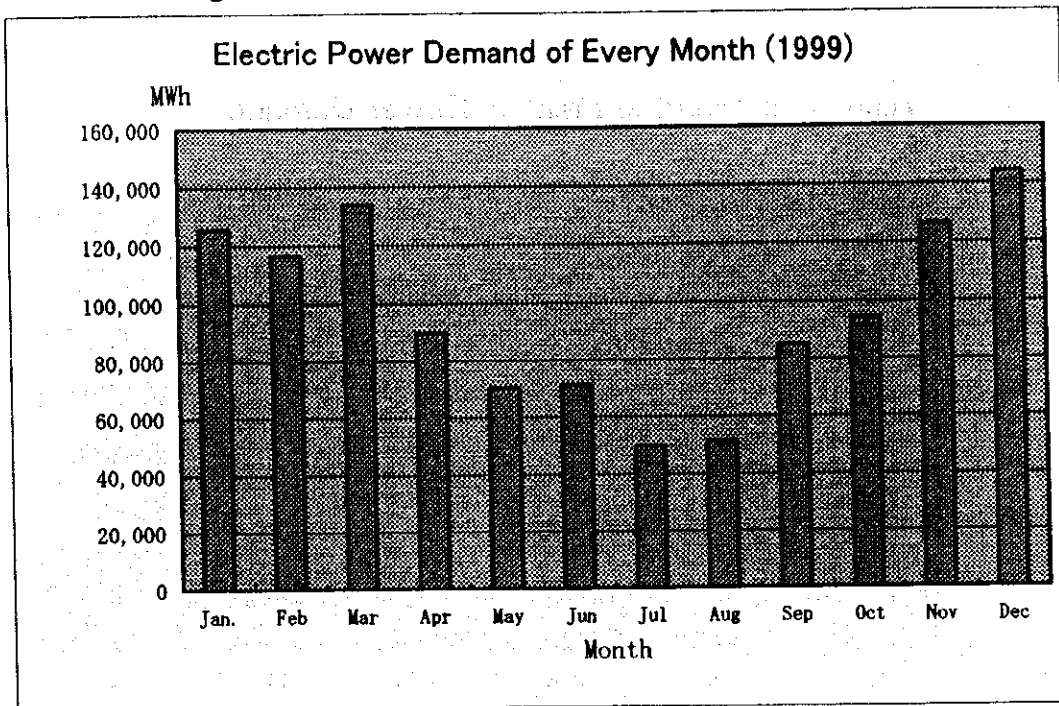
**Figure H.1.1 Historical Trend of Electric Power Demand**



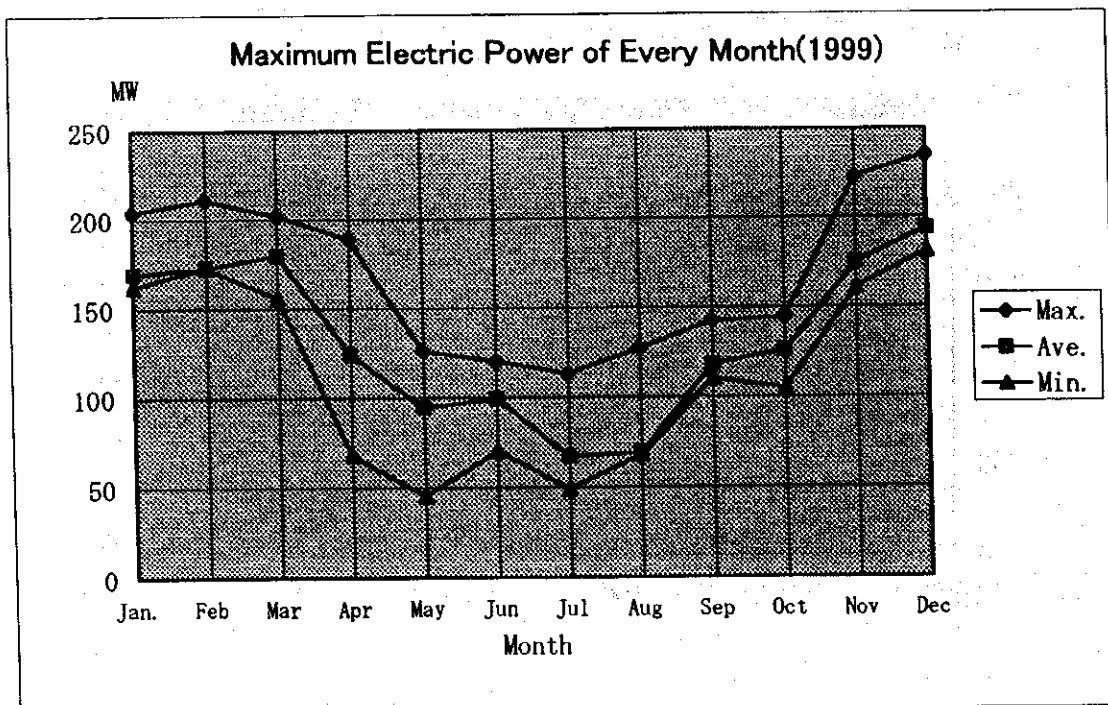
**Figure H.1.2 Historical Trend of Maximum Electric Power**



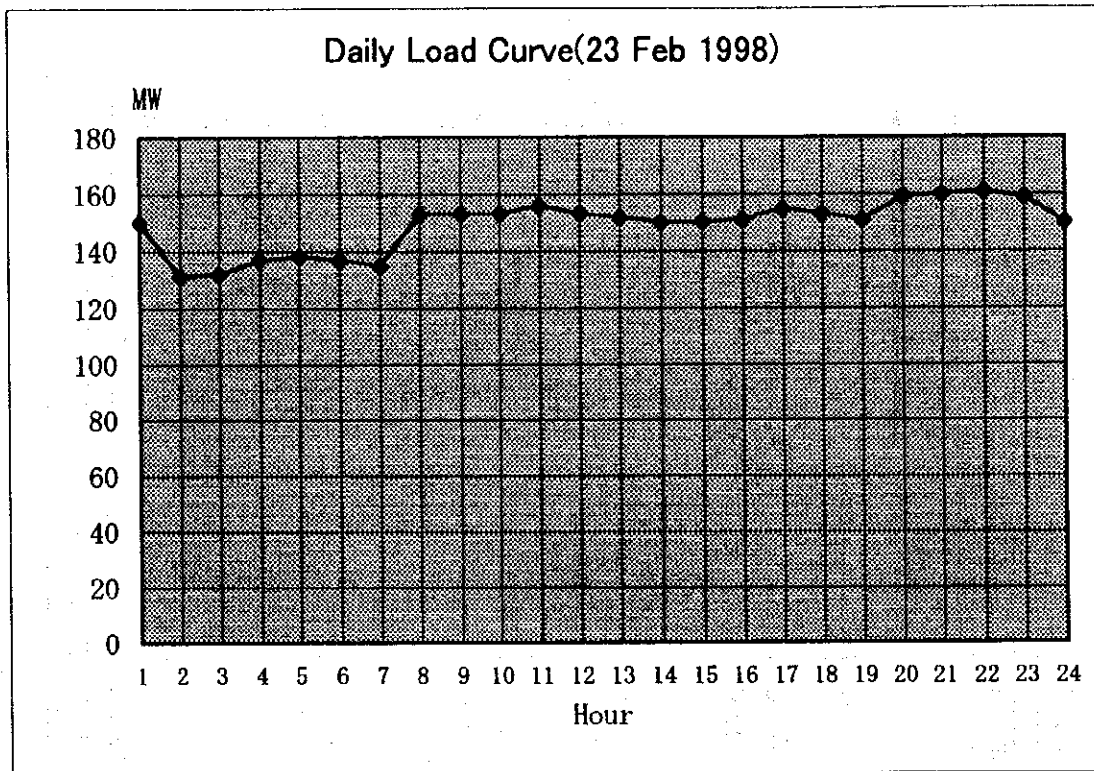
**Figure H.1.3 Electric Power Demand of Every Month**



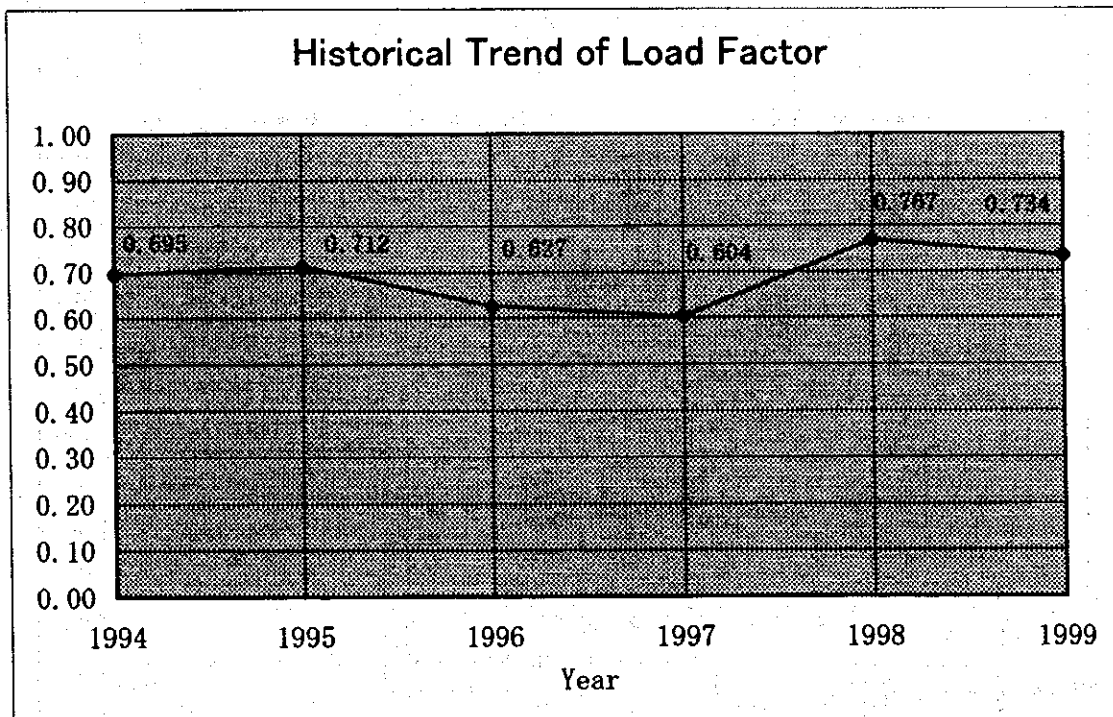
**Figure H.1.4 Maximum Electric Power of Every Month**



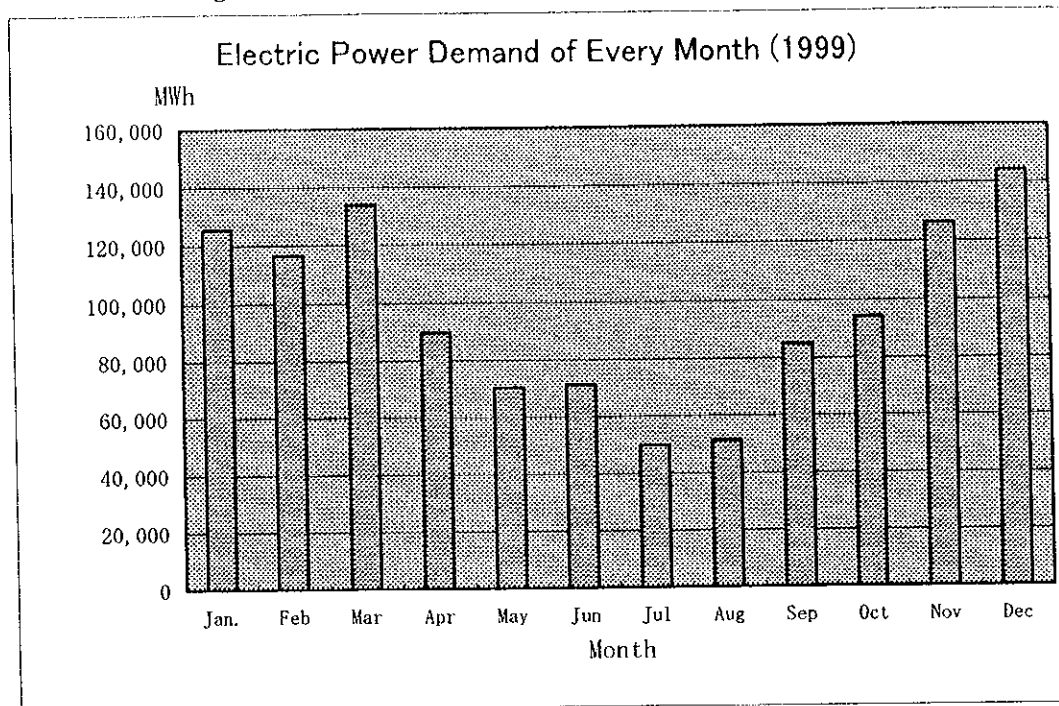
**Figure H.1.5 Daily Load Curve**



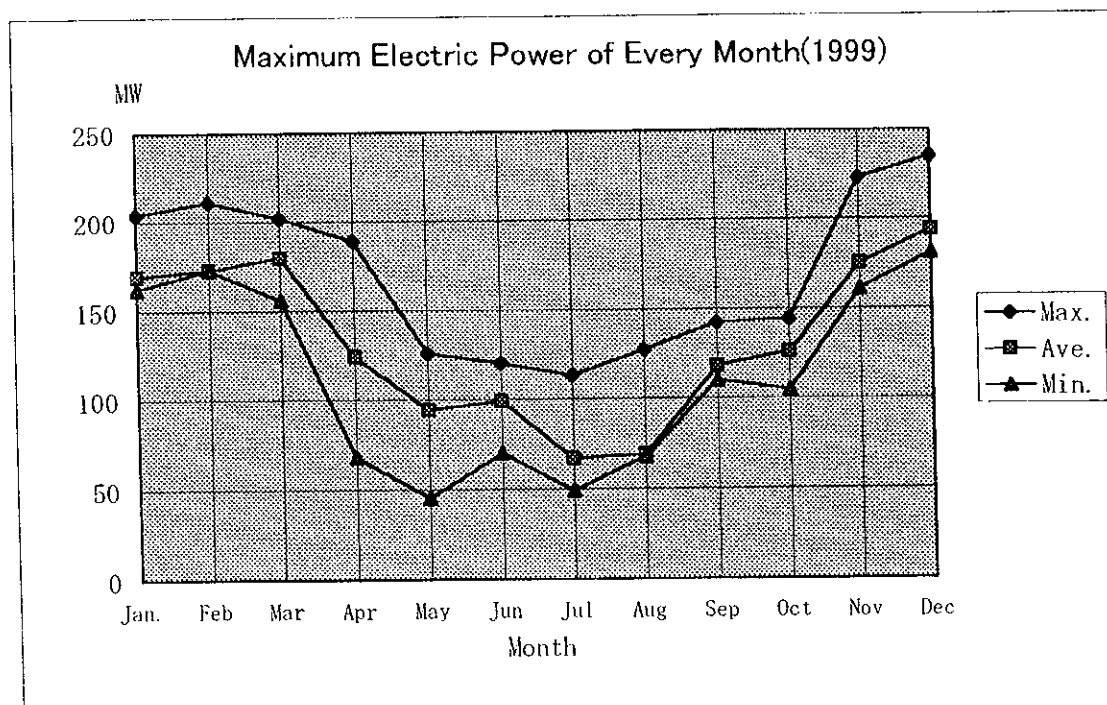
**Figure H.1.6 Historical Trend of Load Factor**



**Figure H.1.3 Electric Power Demand of Every Month**

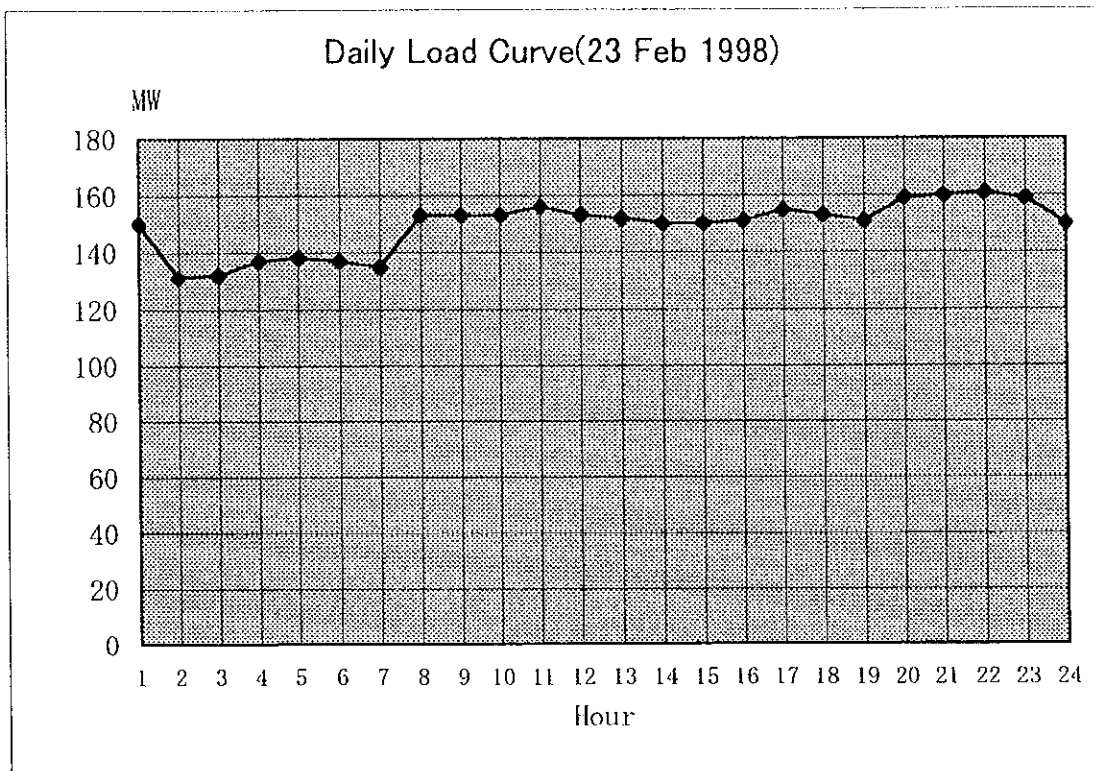


**Figure H.1.4 Maximum Electric Power of Every Month**





**Figure H.1.5 Daily Load Curve**



**Figure H.1.6 Historical Trend of Load Factor**

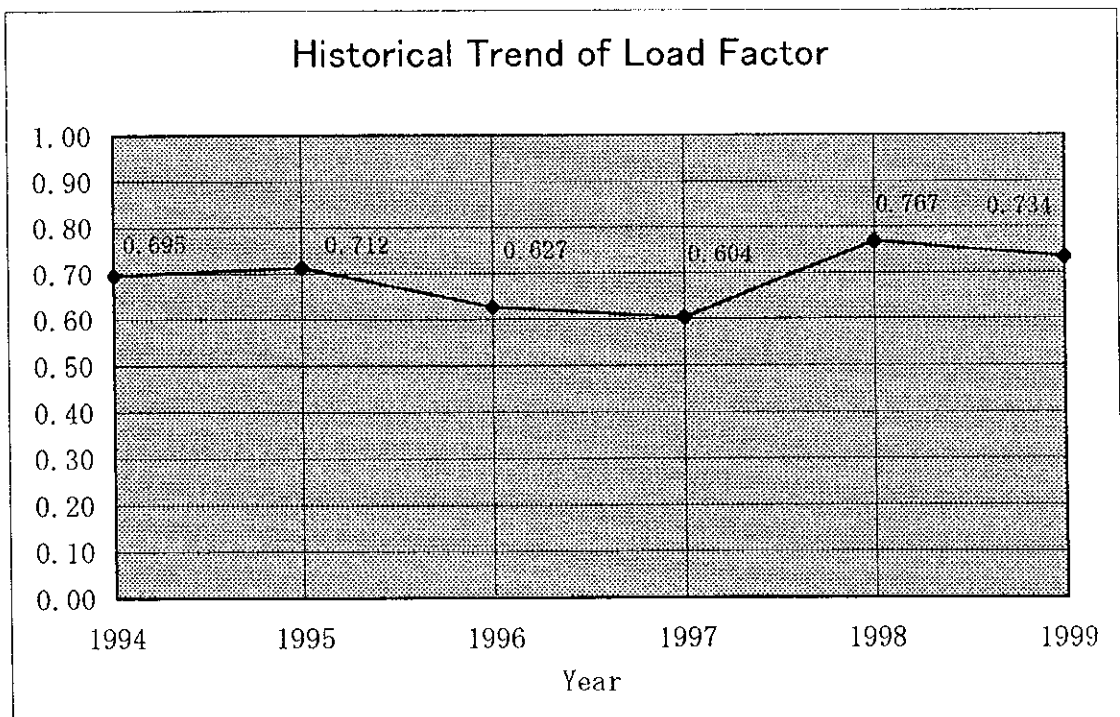






Figure H.1.8 TETs-1 Monthly Heat Supply

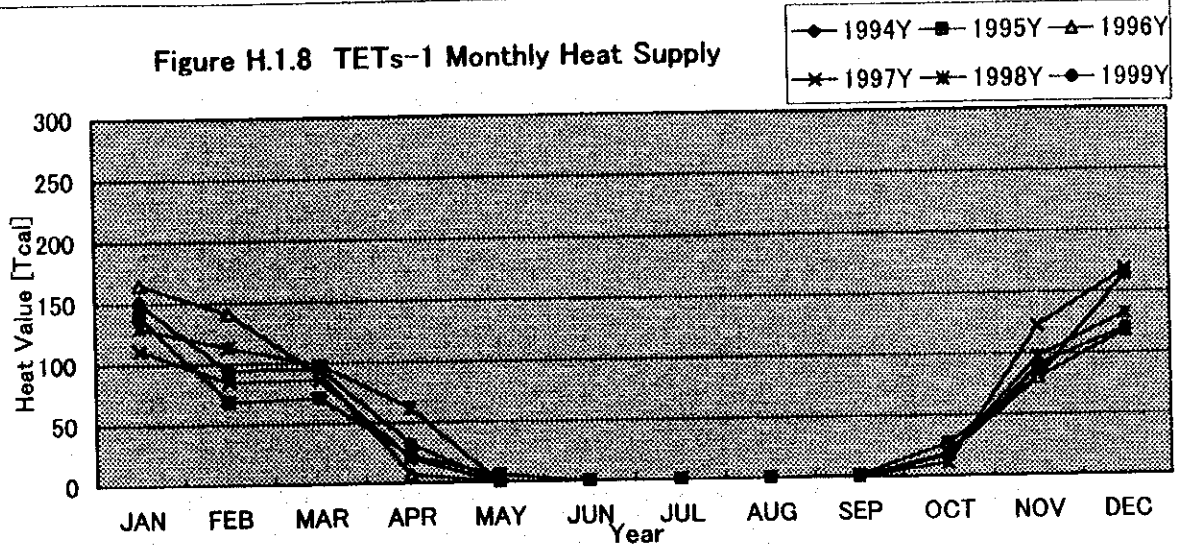
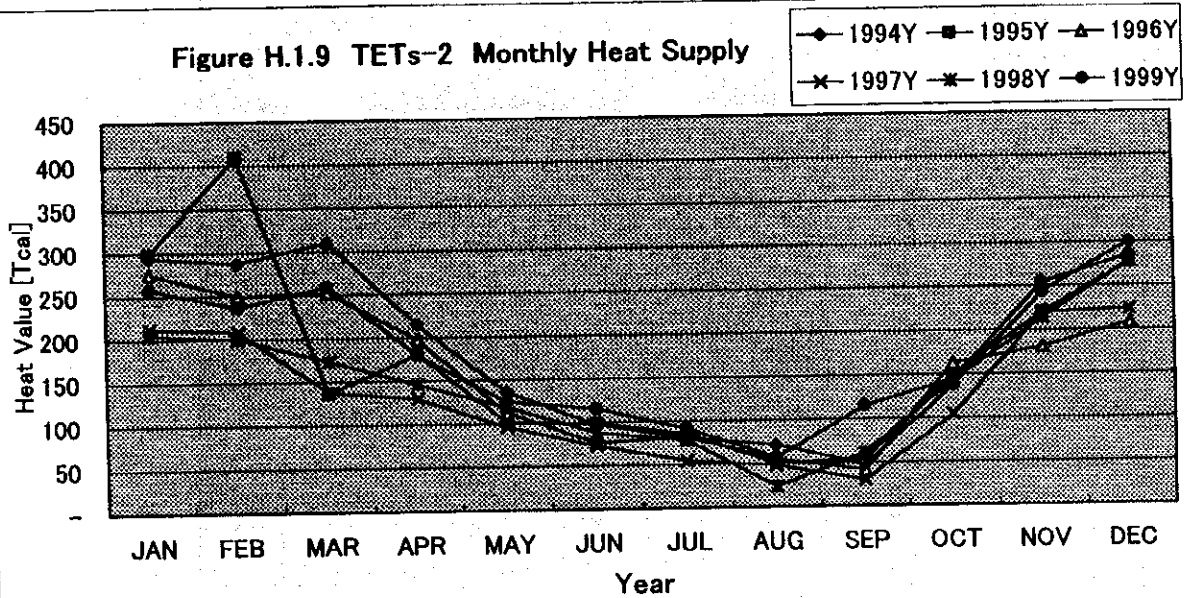
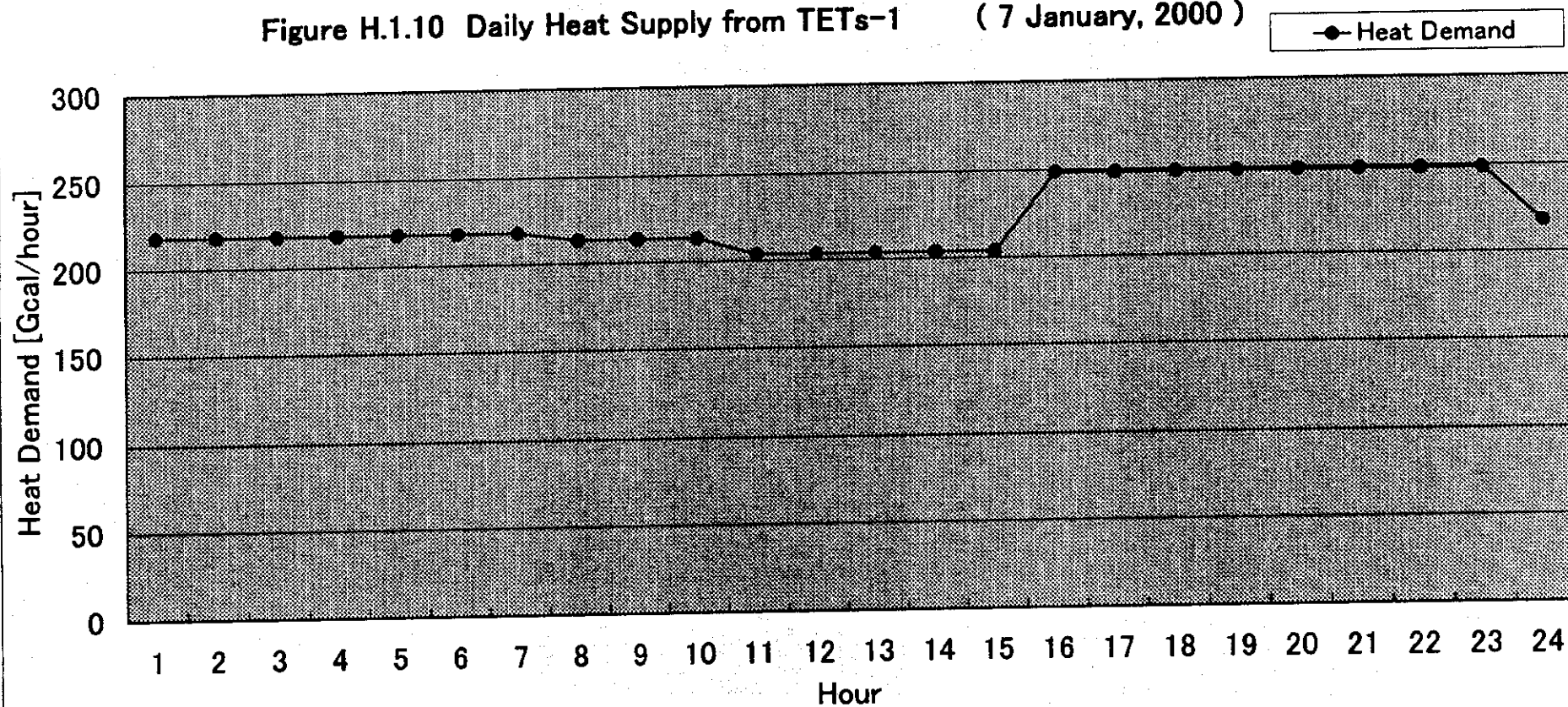


Figure H.1.9 TETs-2 Monthly Heat Supply



Daily Heat Supply from TETs-1																								Unit : Gcal/hour	
	Hour																								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Heat Deman	218.04	218.04	218.04	218.04	218.04	218.04	218.04	213.42	213.42	213.42	204	204	204	204	204	248.7	248.7	248.7	248.7	248.7	248.7	248.7	248.7	218.04	

Figure H.1.10 Daily Heat Supply from TETs-1 ( 7 January, 2000 )



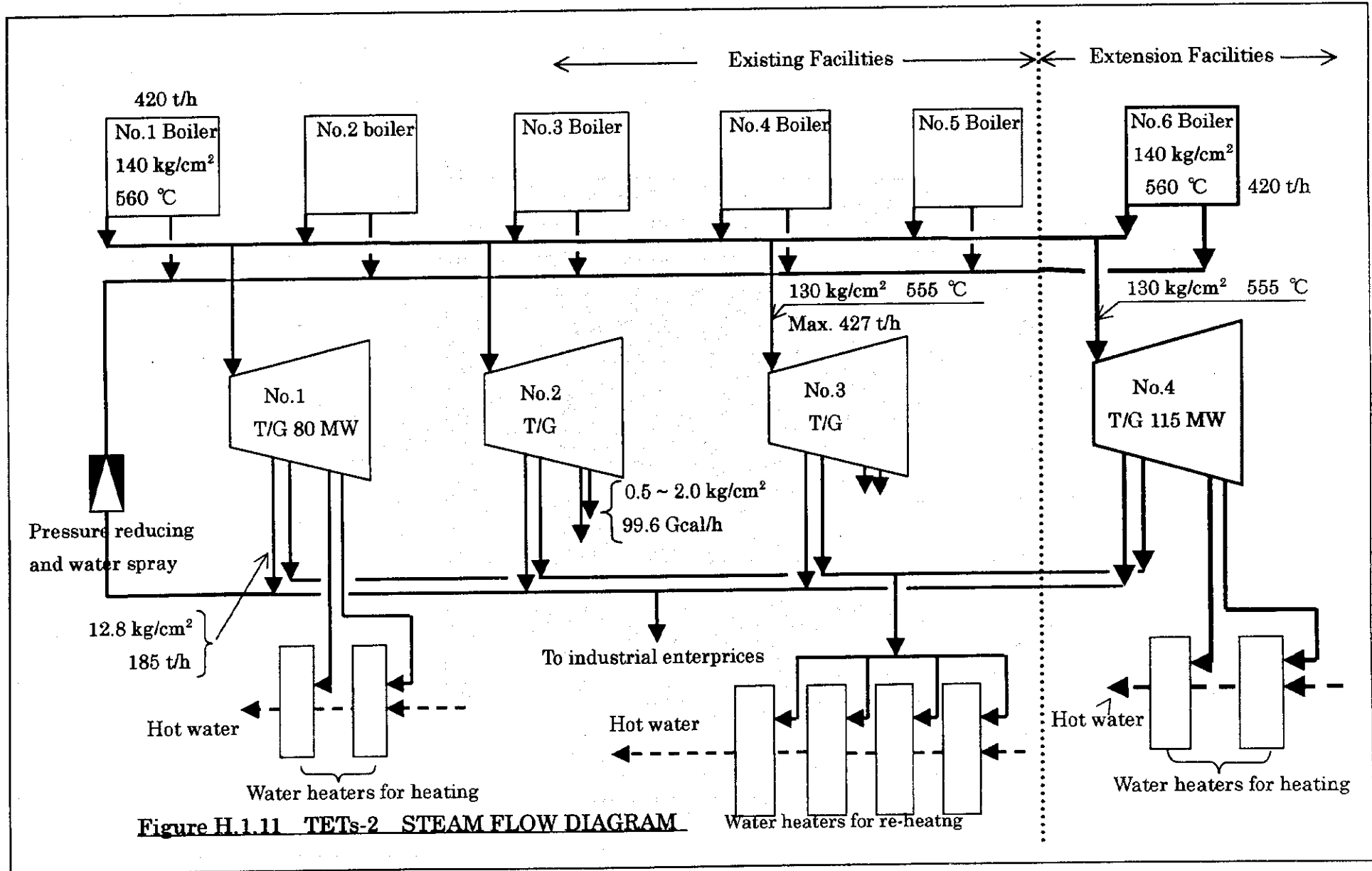


Figure H.2.1 Maximum Electric Power Demand Forecast

	2000	2005	2010	2015	2020	2025	2030
Macro. Econo. Index	188	291	381	439	470	501	527
Macro. Population	181	247	328	427	536	622	706
Microscopic	226	295	362	425	485	530	570

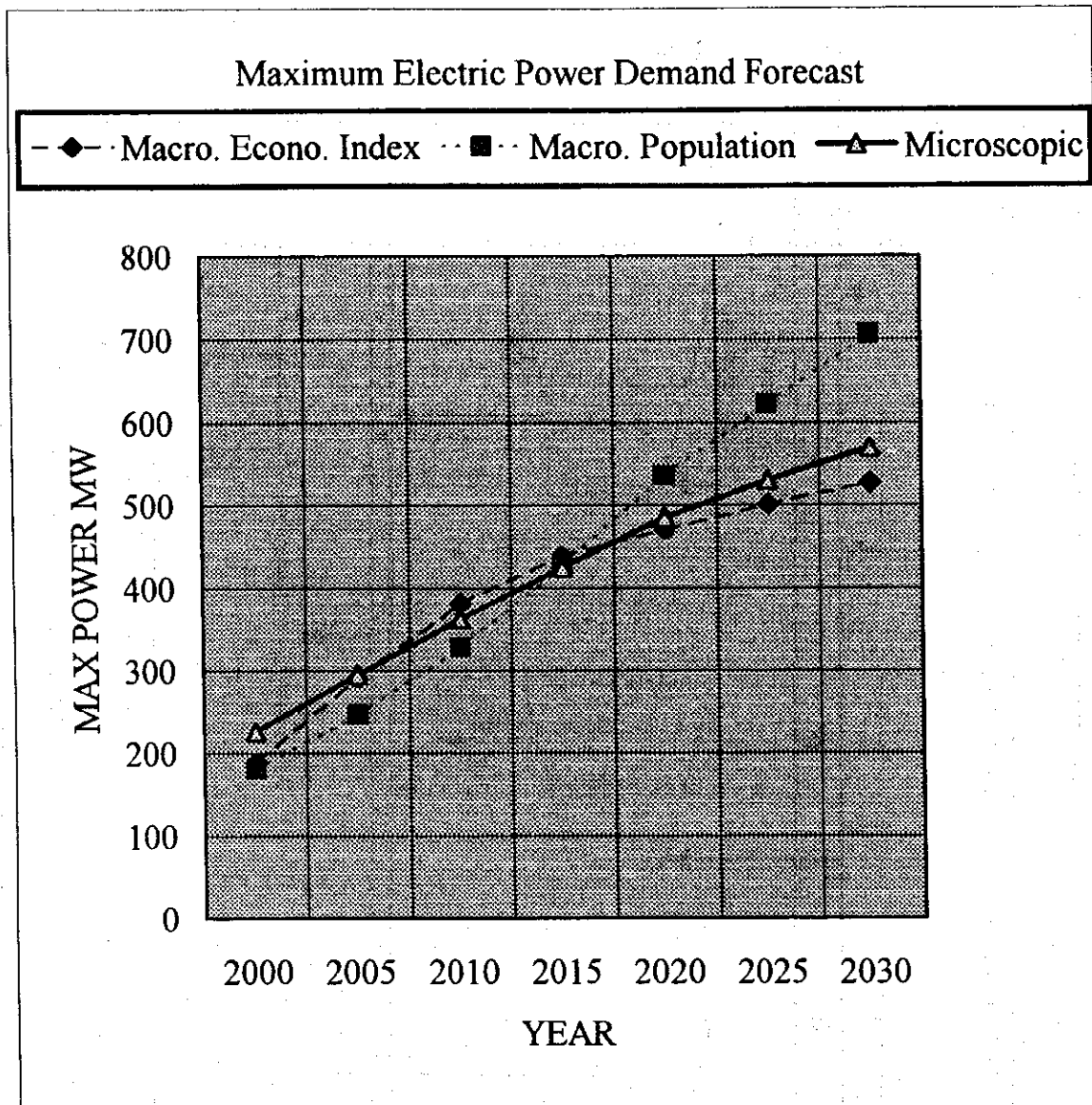
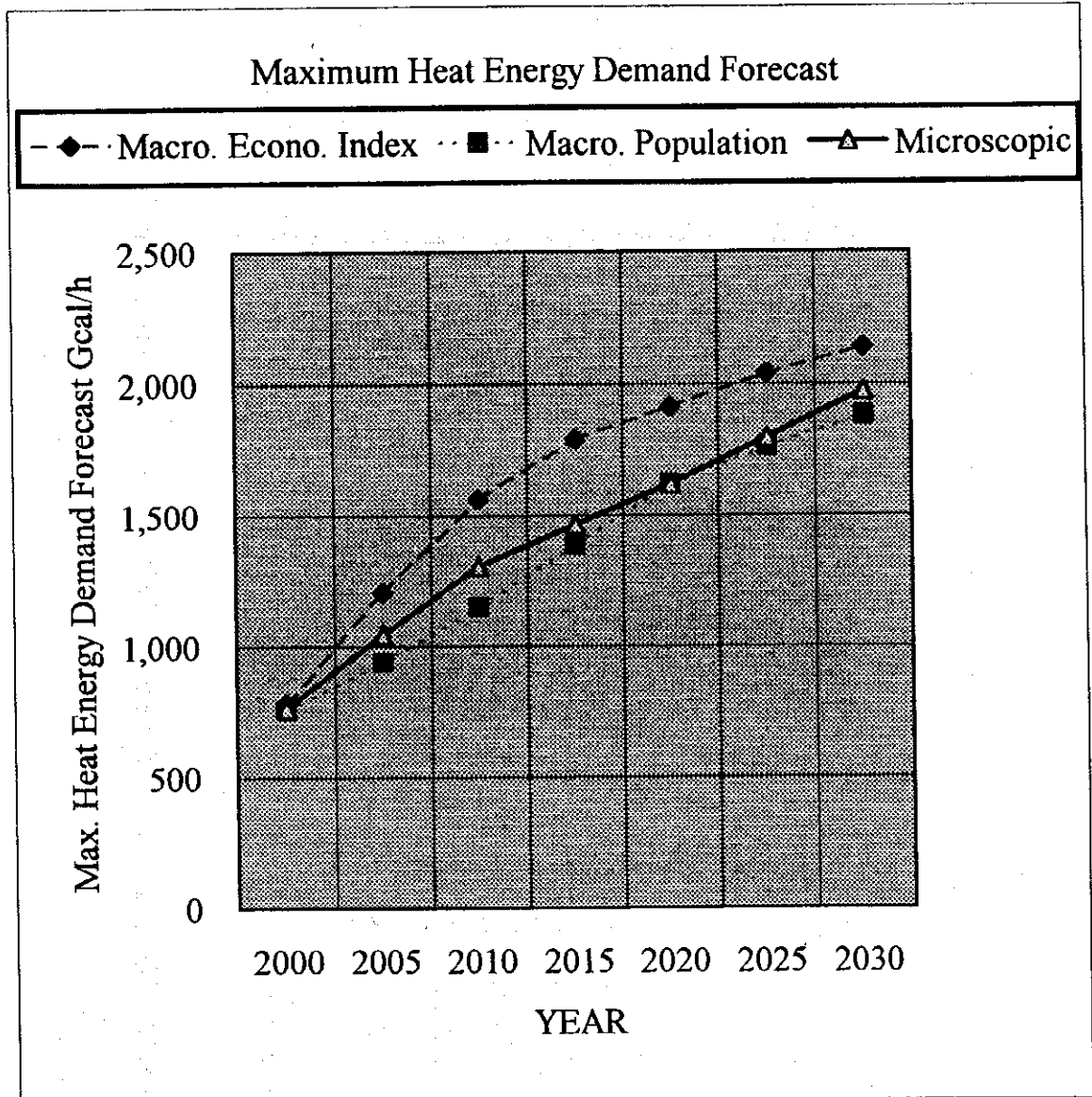
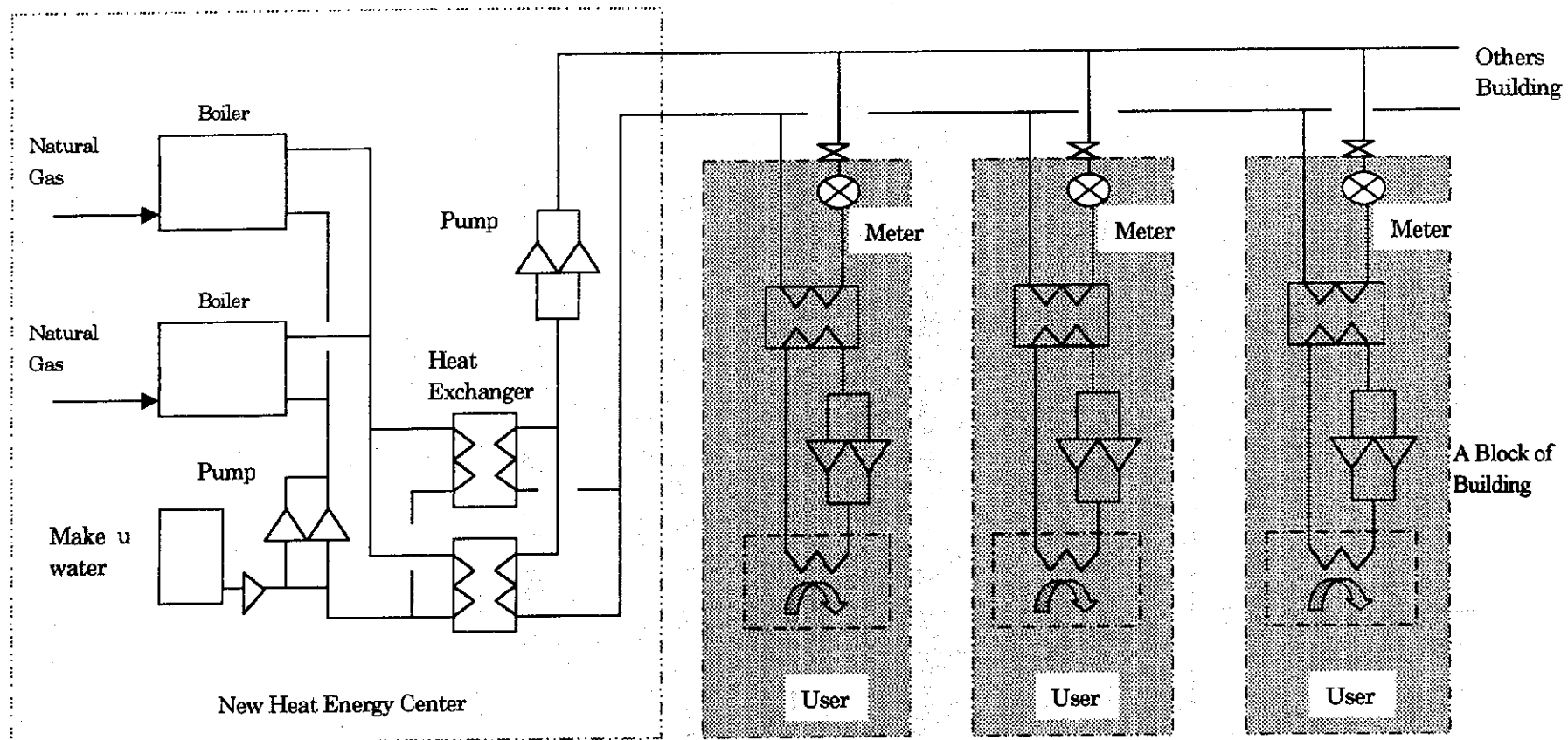


Figure H.2.2 Maximum Heat Energy Demand Forecast  
Unit: Gcal/Hour

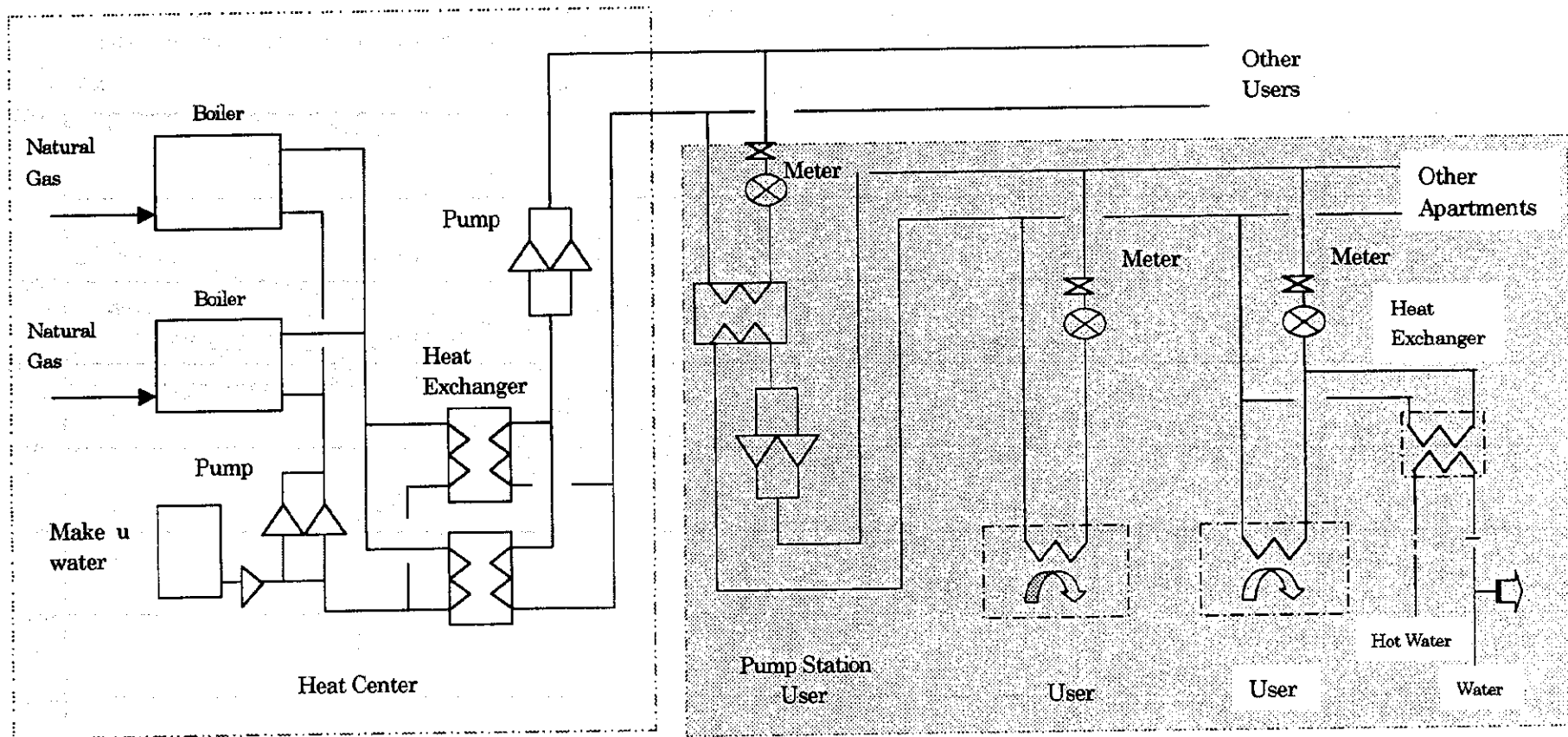
	2000	2005	2010	2015	2020	2025	2030
Macro. Econo. Index	783	1,203	1,562	1,790	1,913	2,037	2,140
Macro. Population	757	940	1,151	1,386	1,621	1,762	1,879
Microscopic	764	1,045	1,306	1,465	1,619	1,797	1,974





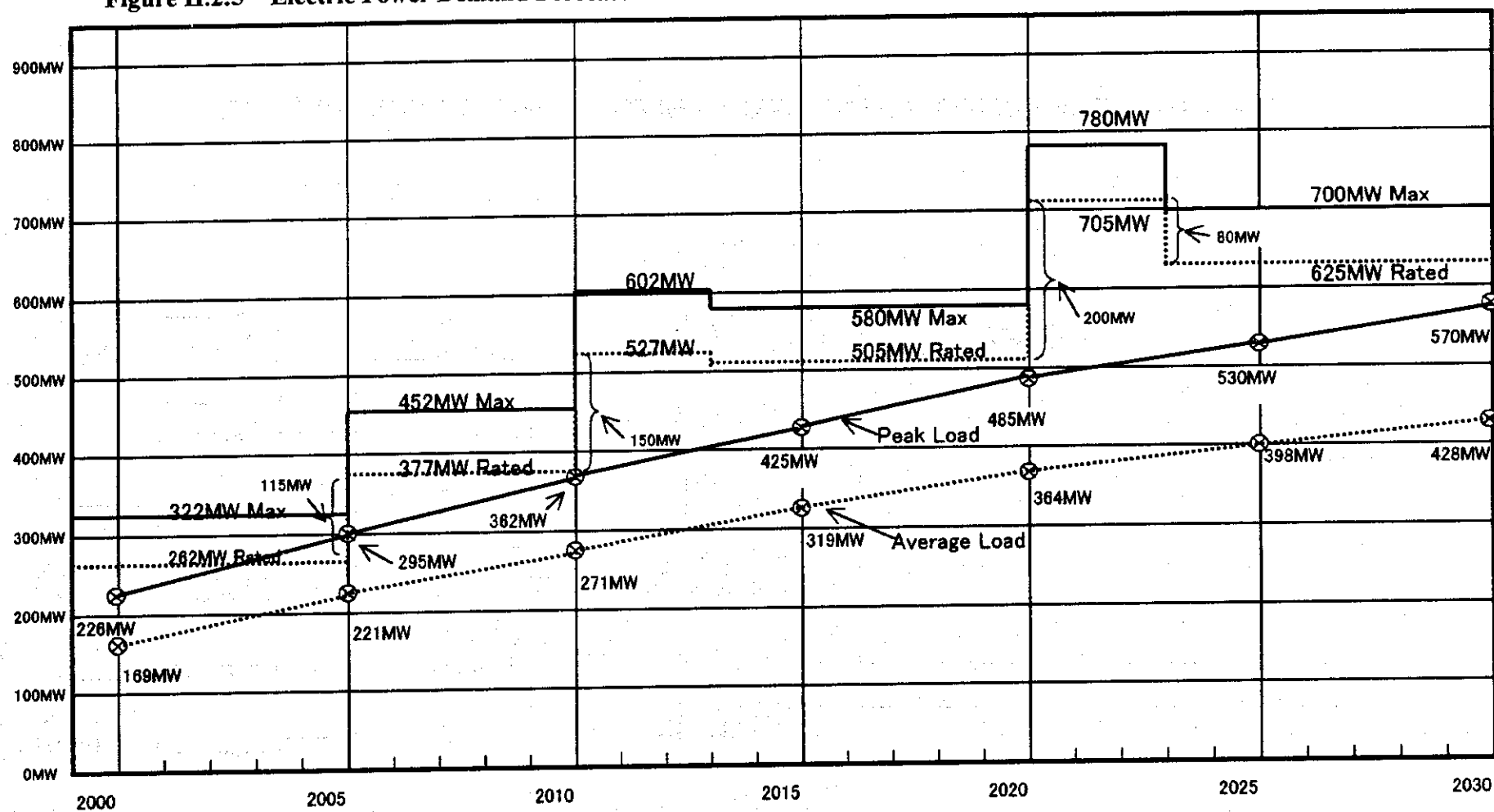
**Figure H.2.3 New Heat Energy Center on the Left Bank of Ishim River and Building Users**





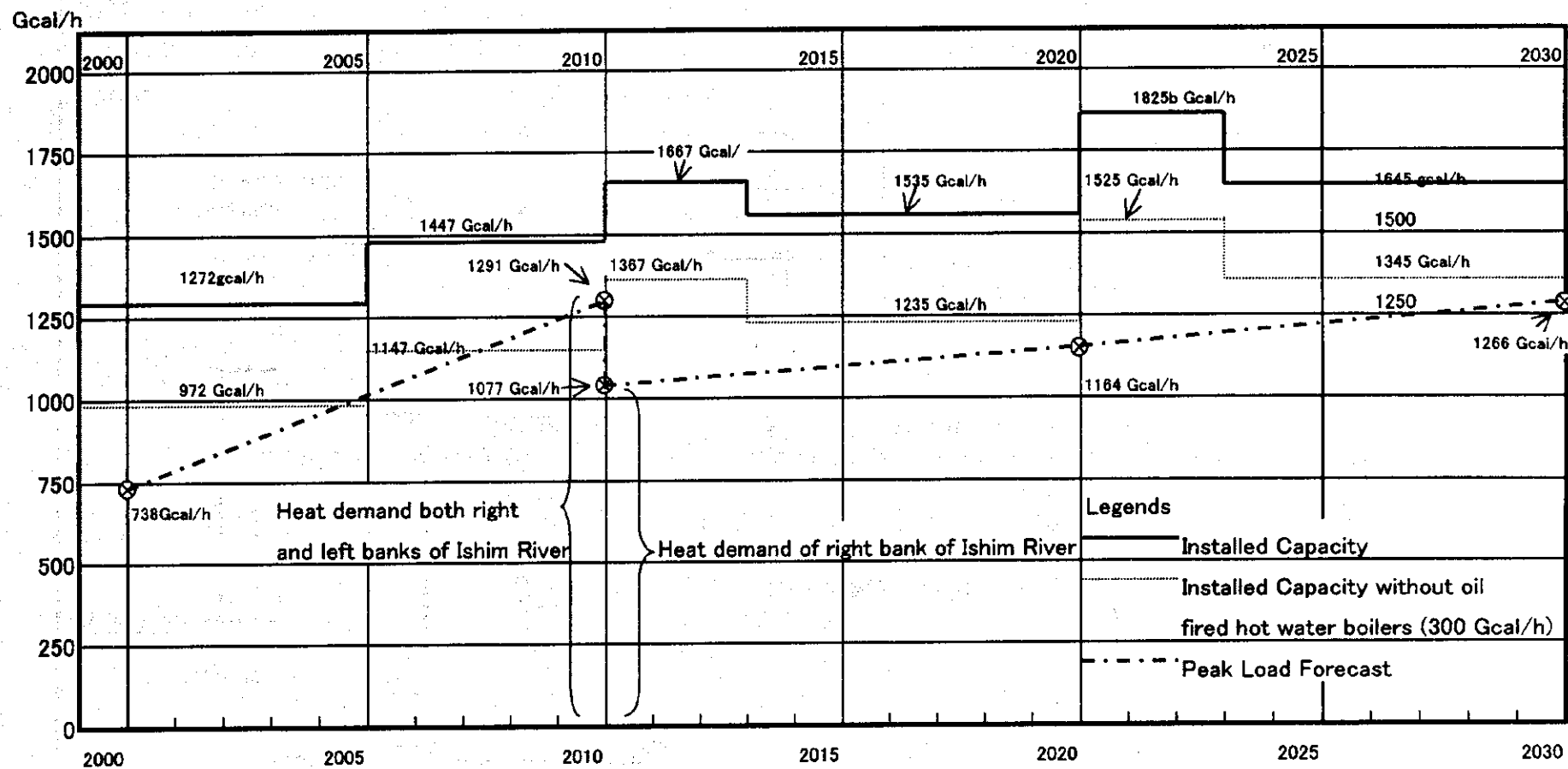
**Figure H.2.4 New Heat Energy Center on the Left Bank of Ishim River and Users of Apartment Houses**

**Figure H.2.5 Electric Power Demand Forecast and Installation Plan of Electric Power and Heat Energy Generating Plants**



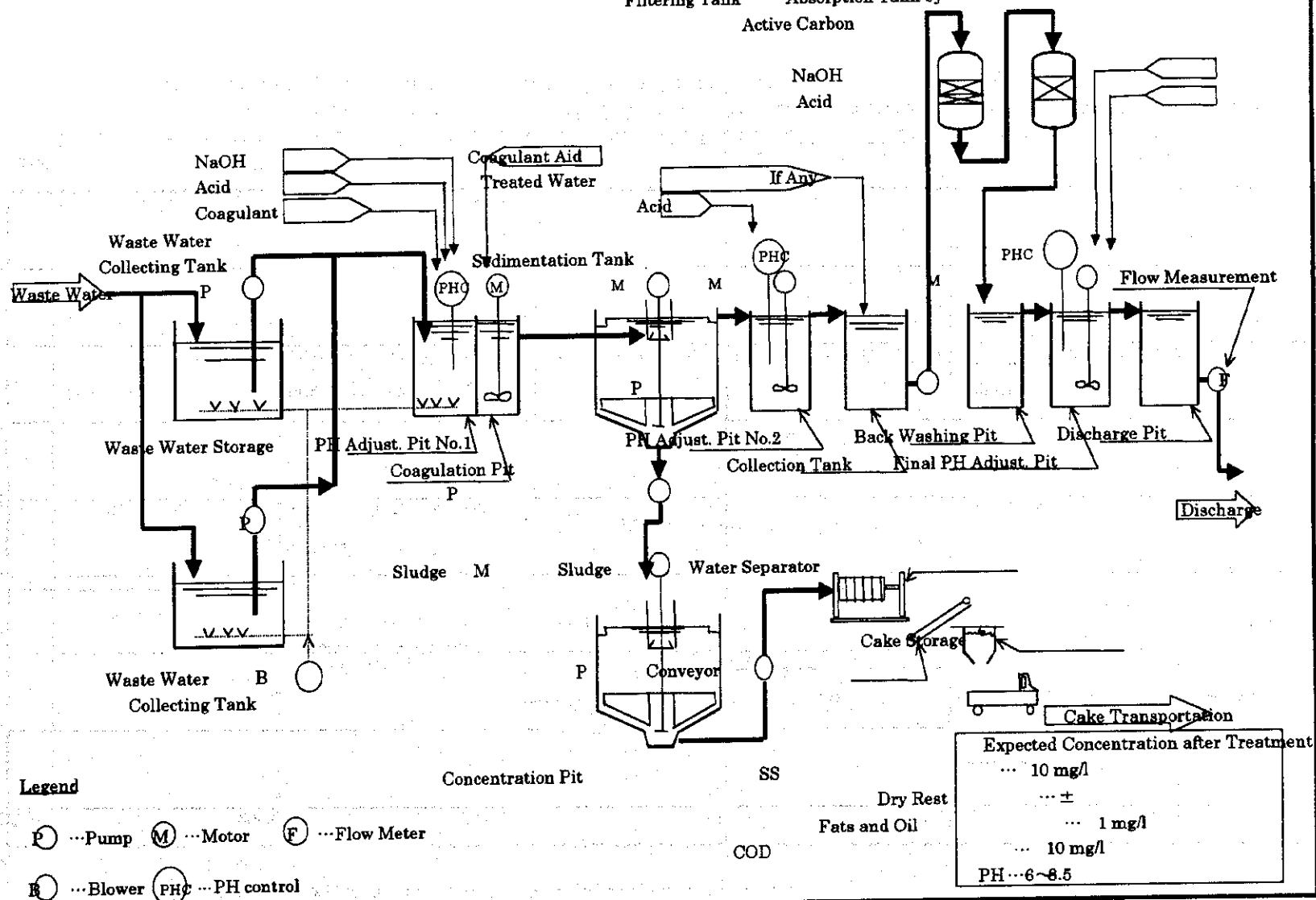
Note: At present, it is not expected to generate electric power at the rated load.  
Lack of electric power at the peak must be compensated by KEGOC 500 kV line especially by the commercial operation of new 115 MW plant in 2006.

Figure H.2.6 Heat Energy Demand Forecast and Installation Plan of Electric Power and Heat Energy Generating Plants



Note: TETs-1 and TETs-2 supply heat energy both right and left banks of Ishim River up to 2009, however they supply heat energy only the right bank of Ishim river from the year of 2010 because heat energy required for the areas on the left bank of Ishim river will be supplied by heat centers constructed in high demand areas.

Filtering Tank      Absorption Tank by  
Active Carbon



**Figure H.2.8 IDEA PLAN OF OILY WATER TREATMENT SYSTEM**

