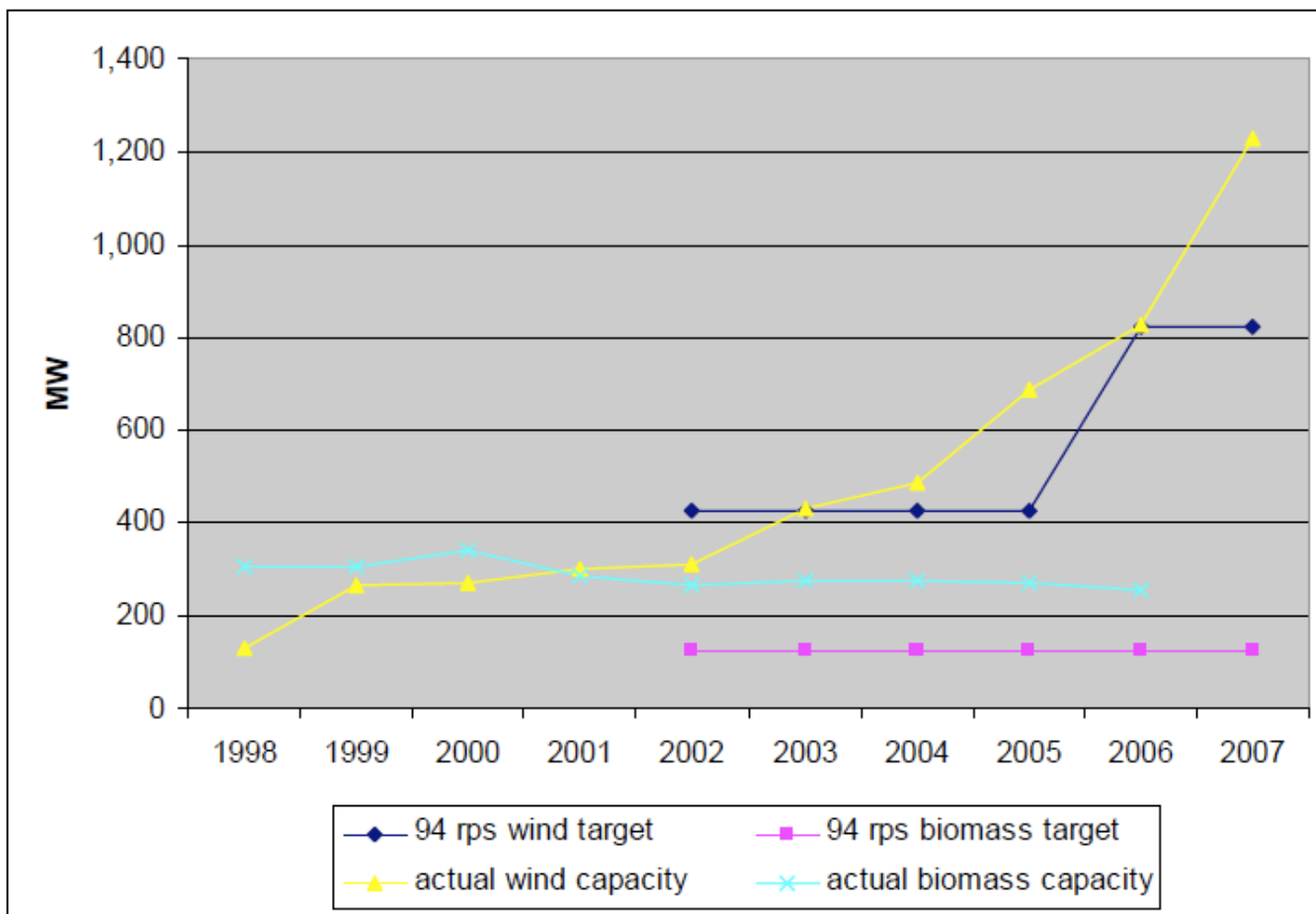




Quota and feed-in tariff support schemes

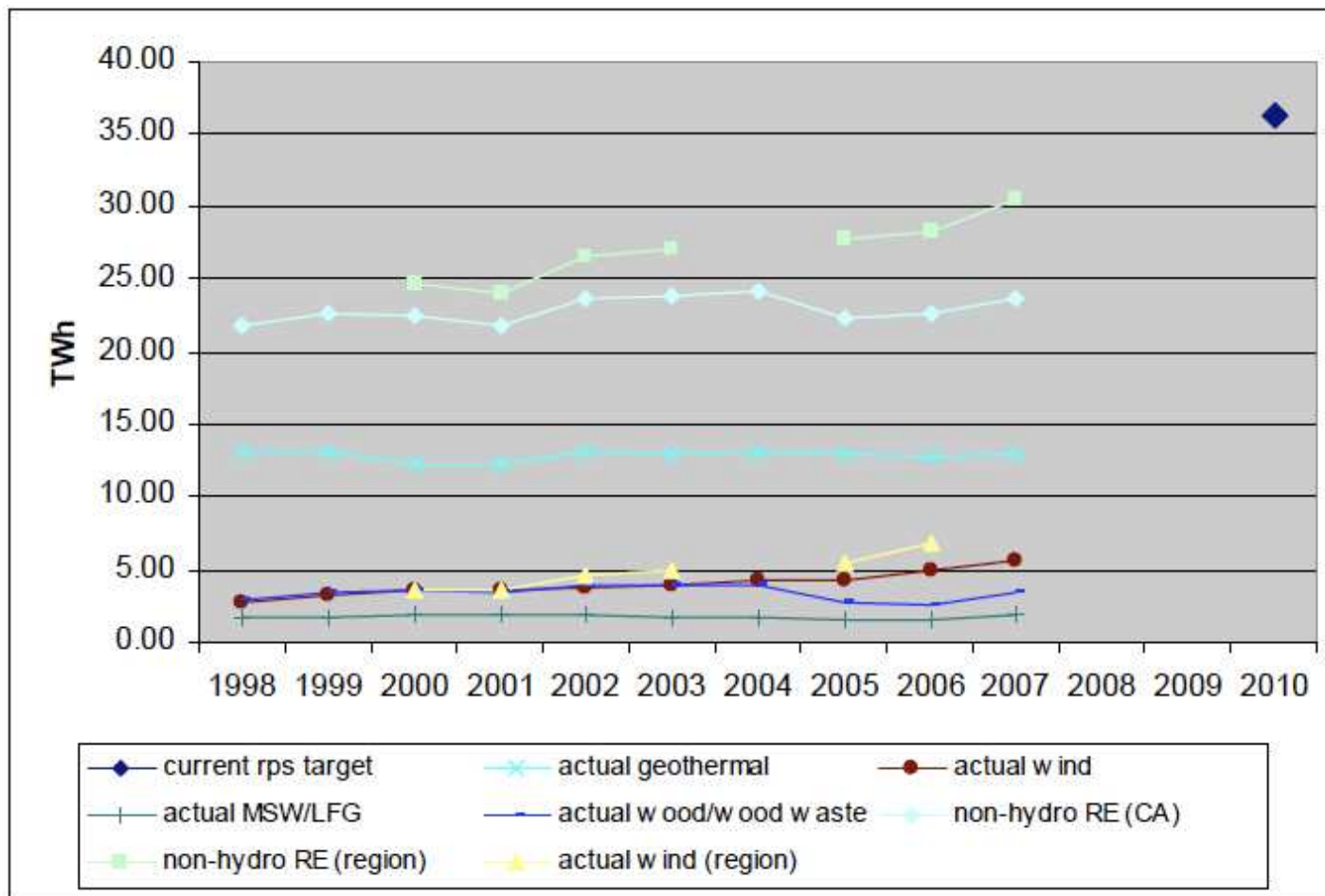


Source data: EIA

Fig.4.4 – Renewable resources in Minnesota vs. 1994 targets



Quota and feed-in tariff support schemes

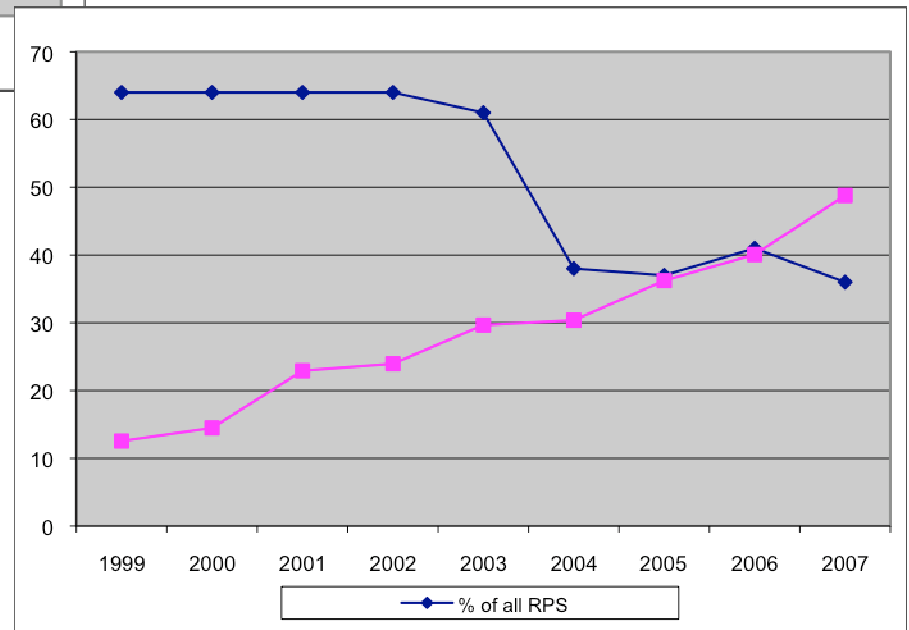
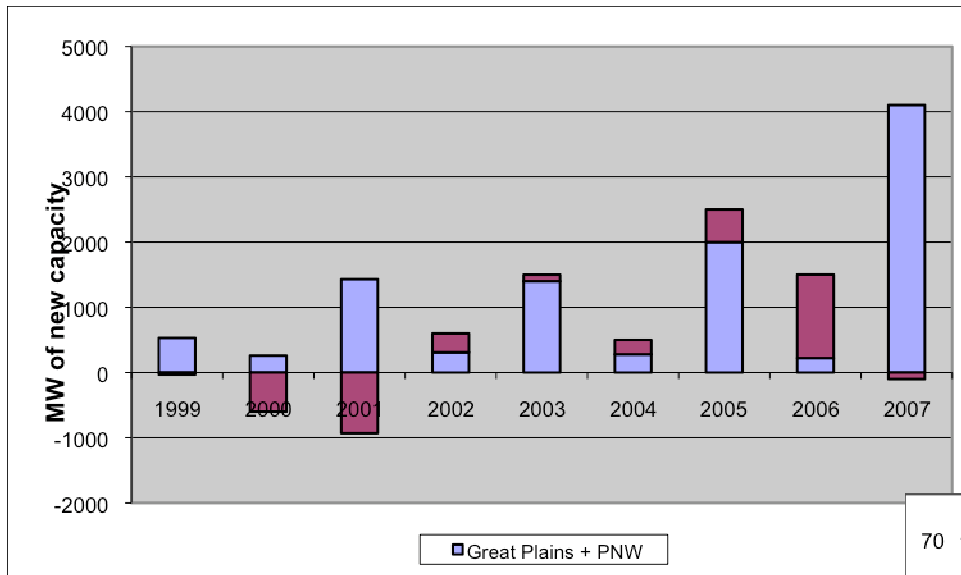


Source data: EIA

Fig. 4.8 – California and regional renewable development vs. California's RPS targets



Quota and feed-in tariff support schemes





Quota and feed-in tariff support schemes

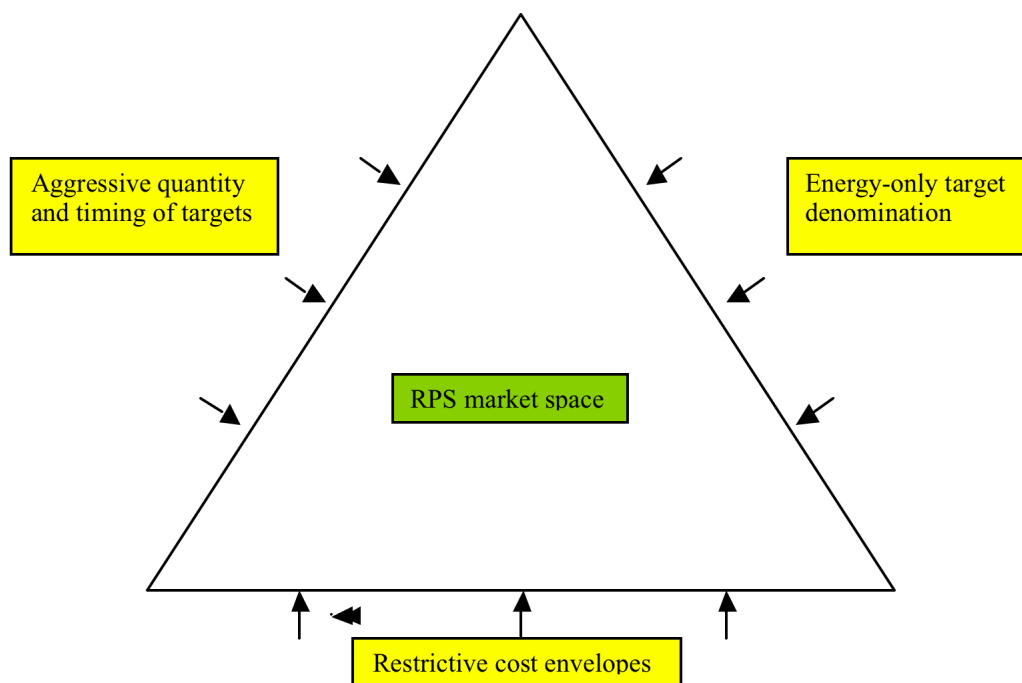
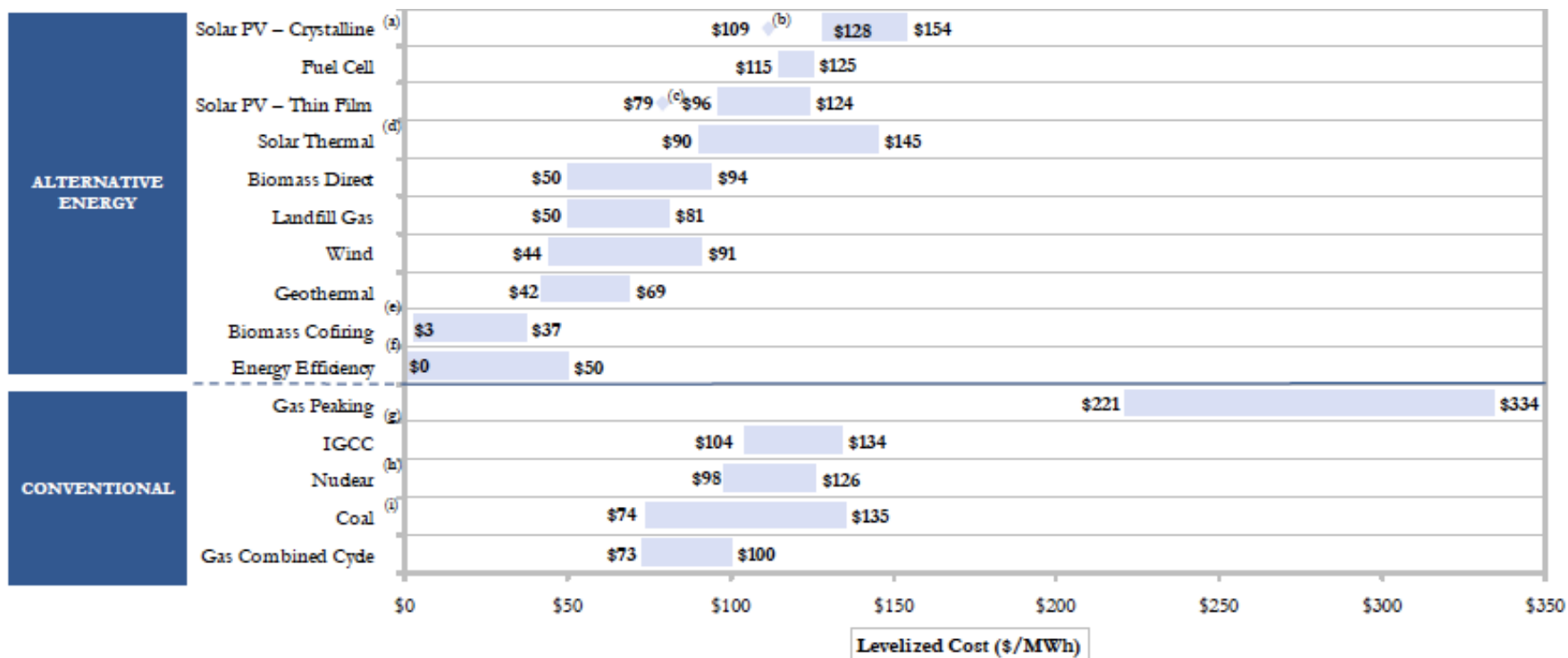


Figure 5.1 - The “Iron Triangle” of Current RPS Design – Bulk energy, lots of it, fast, and cheap

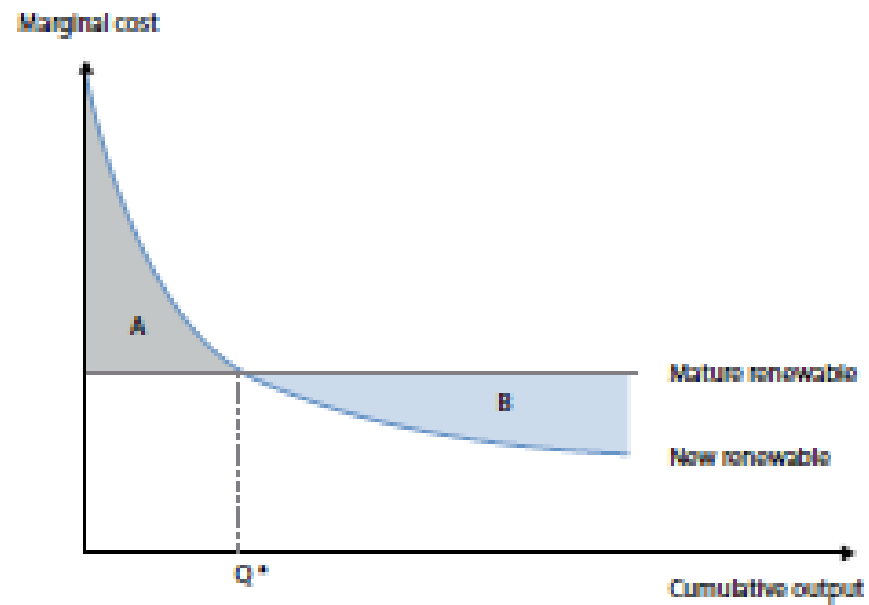


Quota and feed-in tariff support schemes





Quota and feed-in tariff support schemes





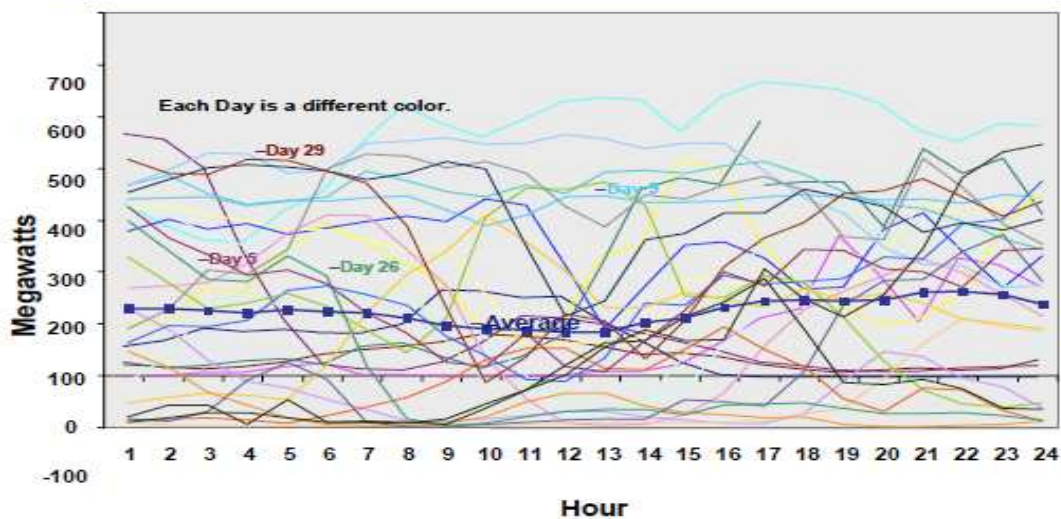
Quota and feed-in tariff support schemes

	1	2	3	4	5	6	7			
Technology	Potential scale	Firm capacity value	Dispatch	Load-following	Ability to replace coal (sum 1-4)	Learning opportunity	Total	Rank (sum 6+7)	Rank (avg 6 + 7)	
Onshore wind	4	1	1	0	6	0	6	11	11	1.5
Wave	1	1	1	0	3	4	7	10	8	4.75
Tidal	1	3	1	0	5	4	9	9	5	5.25
Solar thermal	4	2	1	0	7	2	9	8	10	3.75
Solar PV	4	2	1	0	7	3	10	7	7	4.75
Offshore wind	4	3	1	0	8	3	11	6	6	5
Anaerobic MSW conversion	1	3	3	3	10	2	12	5	9	4.5
Biomass	2	4	4	4	14	2	16	4	4	5.5
Thermal storage (w/solar thermal)	4	4	3	3	14	3	17	3	3	6.5
Engineered geothermal	3	4	3	3	13	4	17	2	2	7.25
Electric storage (w/wind or PV)	4	4	3	3	14	4	18	1	1	7.5



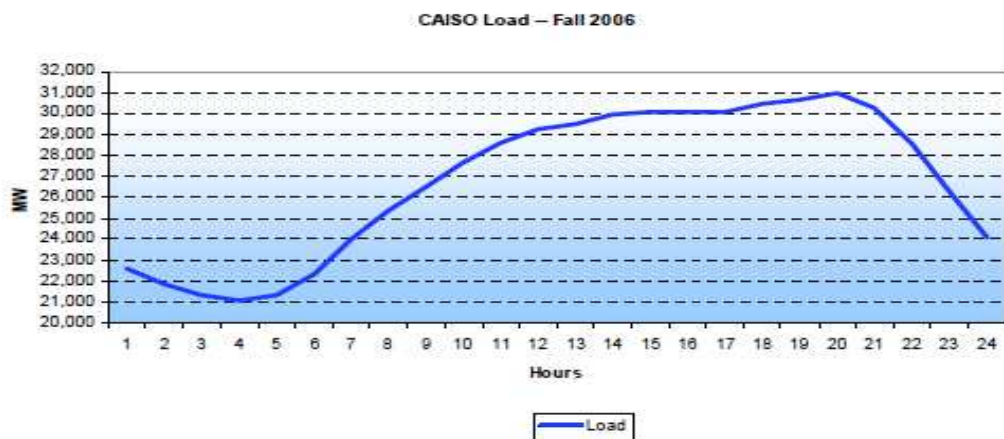
Quota and feed-in tariff support schemes

Tehachapi Wind Generation in April – 2005



Source: California ISO

Figure I.1 – Tehachapi wind complex daily production profile, April 2005

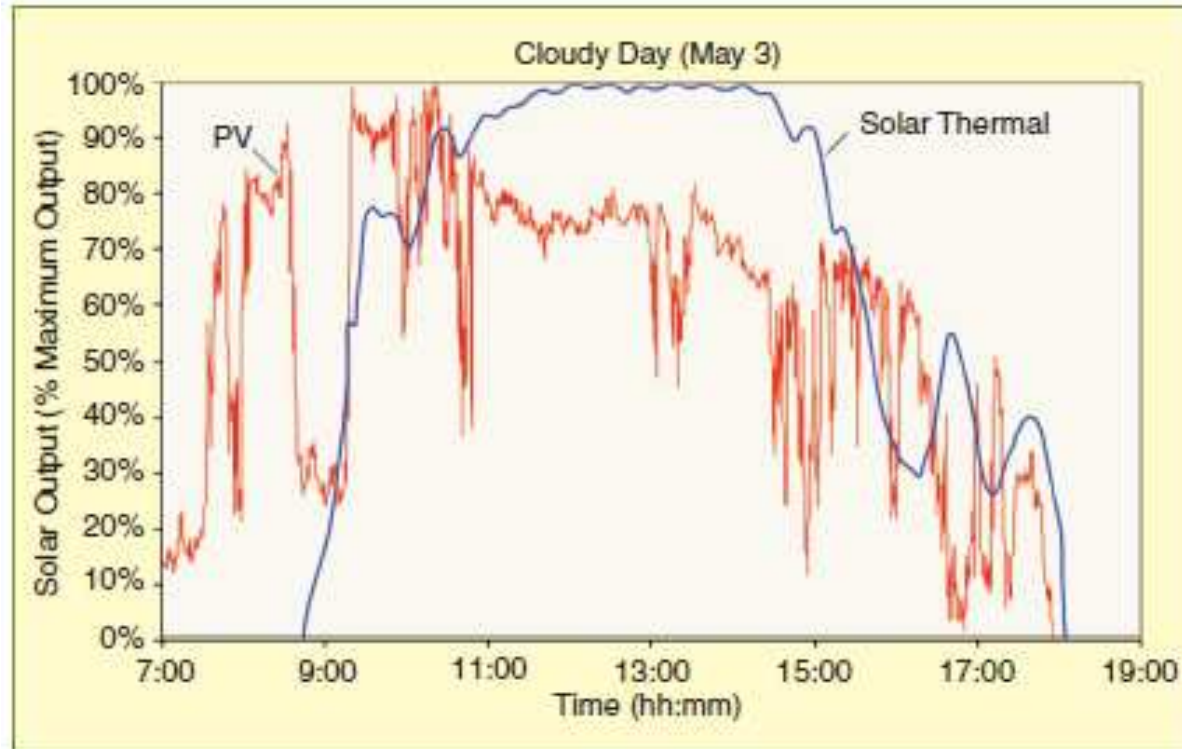


Source: CAISO

Figure I.2 – Typical California shoulder-period daily load profile



Quota and feed-in tariff support schemes





Quota and feed-in tariff support schemes

