

PROPOSED LOCATIONS

Based on the results of the load flow analysis; thermal and voltage assessments, and consideration of the percentage of demand growth in the province of Oriental Mindoro, the expiration of the PSA with Ormin Power Inc. (OPI), and the expiration of the 22.3MW Emergency Power Supply Agreement on August 2023, the technical assessment team recommends that the 41MW guaranteed dependable capacity NPP must be located only in the following technically feasible alternative locations:

Alternatives	Locations			Result	
	Baseload	Mid -Merit	Peaking		
1	8MW Calapan	30MW Pinamalayan		3MW Pinamalayan	Technically Feasible
2	8MW Pinamalayan	30MW Calapan		3MW Calapan	Not Feasible
3	8MW Calapan	30MW Roxas		3MW Roxas	Technically Feasible
4	8MW Roxas	30MW Calapan		3MW Calapan	Technically Feasible
5	8MW Calapan	30MW Bansud		3MW Bansud	Technically Feasible
6	8MW Bansud	30MW Calapan		3MW Calapan	Not Feasible
7	8MW Roxas	30MW Pinamalayan		3MW Pinamalayan	Technically Feasible
8	8MW Pinamalayan	30MW Roxas		3MW Roxas	Technically Feasible
9	8MW Calapan	19.5MW Roxas	10.5MW Pinamalayan	3MW Roxas	Technically Feasible
10	8MW Calapan	19.5MW Roxas	10.5MW Gloria	3MW Roxas	Technically Feasible
11	8MW Calapan	19.5MW Roxas	10.5MW Bansud	3MW Roxas	Technically Feasible
12	8MW Calapan	19.5MW Roxas	10.5MW Bongabong	3MW Roxas	Technically Feasible
13	8MW Calapan	19.5MW Roxas	10.5MW Mansalay	3MW Roxas	Technically Feasible
14	8MW Calapan	19.5MW Roxas	10.5MW Bulalacao	3MW Roxas	Technically Feasible
15	8MW Calapan	30MW Gloria		3MW Gloria	Technically Feasible
16	8MW Calapan	30MW Bongabong		3MW Bongabong	Technically Feasible
17	8MW Calapan	30MW Mansalay		3MW Mansalay	Technically Feasible
18	8MW Calapan	30MW Bulalacao		3MW Bulalacao	Technically Feasible