

WEEKLY MARKET UPDATE
17 – 23 June 2019

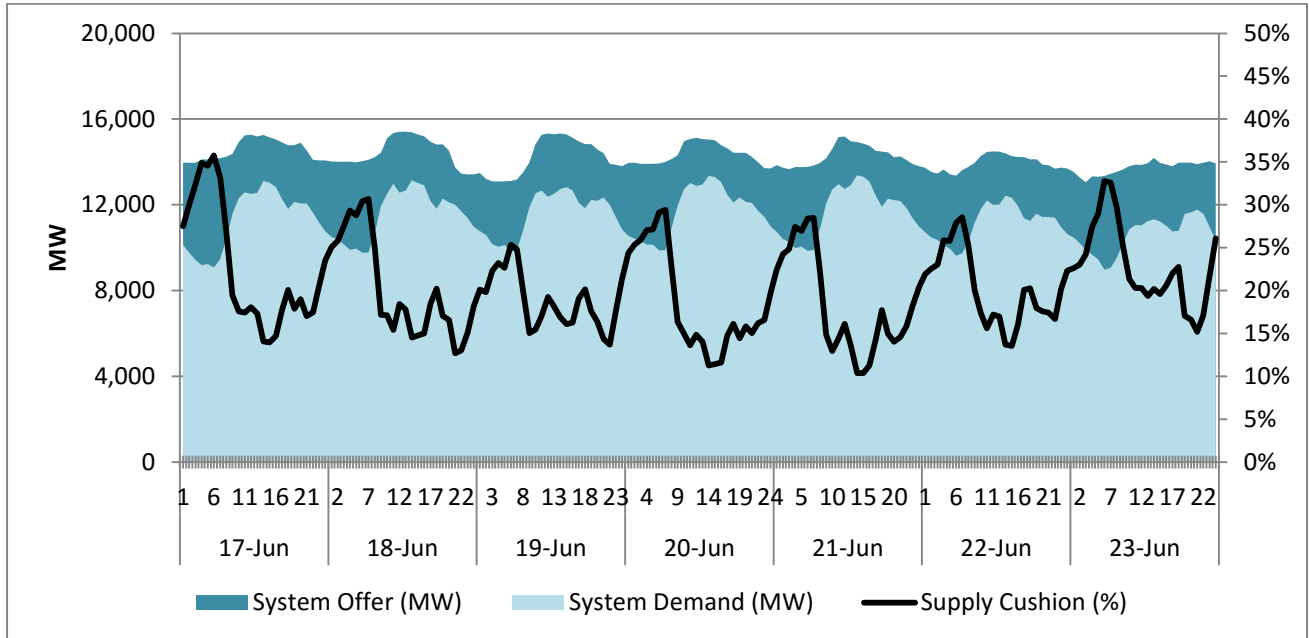
I. SYSTEM CONDITION¹

Date	Alert	Region	Declared	Lifted	Hours Covered
6/17/2019	Yellow	Luzon	14:01	17:00	2:59
6/17/2019	Yellow	Luzon	18:01	20:55	2:54
6/17/2019	Yellow	Visayas	12:01	18:43	6:42
6/17/2019	Red	Visayas	18:44	21:56	3:12
6/18/2019	Red	Luzon	10:01	11:00	0:59
6/18/2019	Red	Luzon	13:01	15:01	2:00
6/18/2019	Yellow	Luzon	9:01	10:00	0:59
6/18/2019	Yellow	Luzon	11:01	13:00	1:59
6/18/2019	Yellow	Luzon	15:01	17:00	1:59
6/18/2019	Yellow	Luzon	18:01	22:15	4:14
6/18/2019	Yellow	Visayas	11:01	18:09	7:08
6/18/2019	Red	Visayas	18:10	21:04	2:54
6/18/2019	Yellow	Visayas	21:05	23:00	1:55
6/19/2019	Yellow	Luzon	8:01	9:00	0:59
6/19/2019	Red	Luzon	9:01	15:05	6:04
6/19/2019	Yellow	Luzon	15:06	22:05	6:59
6/19/2019	Yellow	Visayas	10:01	16:34	6:33
6/19/2019	Red	Visayas	16:35	20:53	4:18
6/19/2019	Yellow	Visayas	20:54	23:27	2:33
6/20/2019	Red	Luzon	10:01	11:00	0:59
6/20/2019	Red	Luzon	13:01	16:40	3:39
6/20/2019	Yellow	Luzon	9:01	10:00	0:59
6/20/2019	Yellow	Luzon	11:01	13:00	1:59
6/20/2019	Yellow	Luzon	16:41	22:15	5:34
6/20/2019	Yellow	Visayas	10:05	21:58	11:53
6/21/2019	Yellow	Luzon	8:01	9:00	0:59
6/21/2019	Red	Luzon	9:01	16:25	7:24
6/21/2019	Yellow	Luzon	16:26	22:11	5:45
6/21/2019	Yellow	Visayas	13:30	21:40	8:10
6/22/2019	Yellow	Luzon	10:01	11:00	0:59
6/22/2019	Yellow	Luzon	13:01	16:00	2:59
6/22/2019	Yellow	Luzon	18:01	22:30	4:29
6/22/2019	Yellow	Visayas	18:35	19:35	1:00

¹ Shows the status of the Luzon and Visayas Grids and the intervals affected by Blue, Yellow or Red Alert, if any;

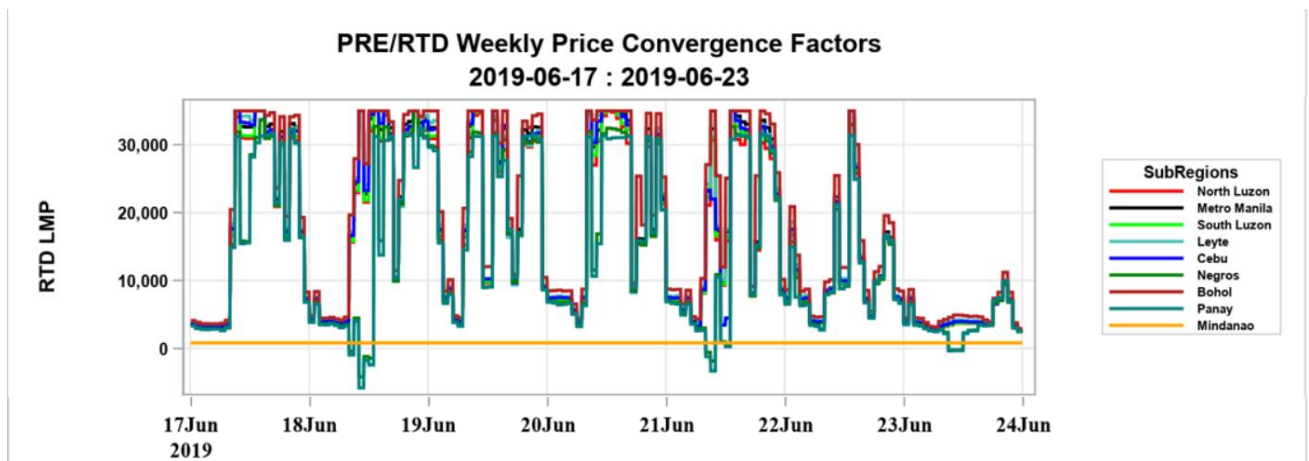
II. SUPPLY & DEMAND CONDITION²

A. Supply Cushion



III. PRICE INDICATORS³

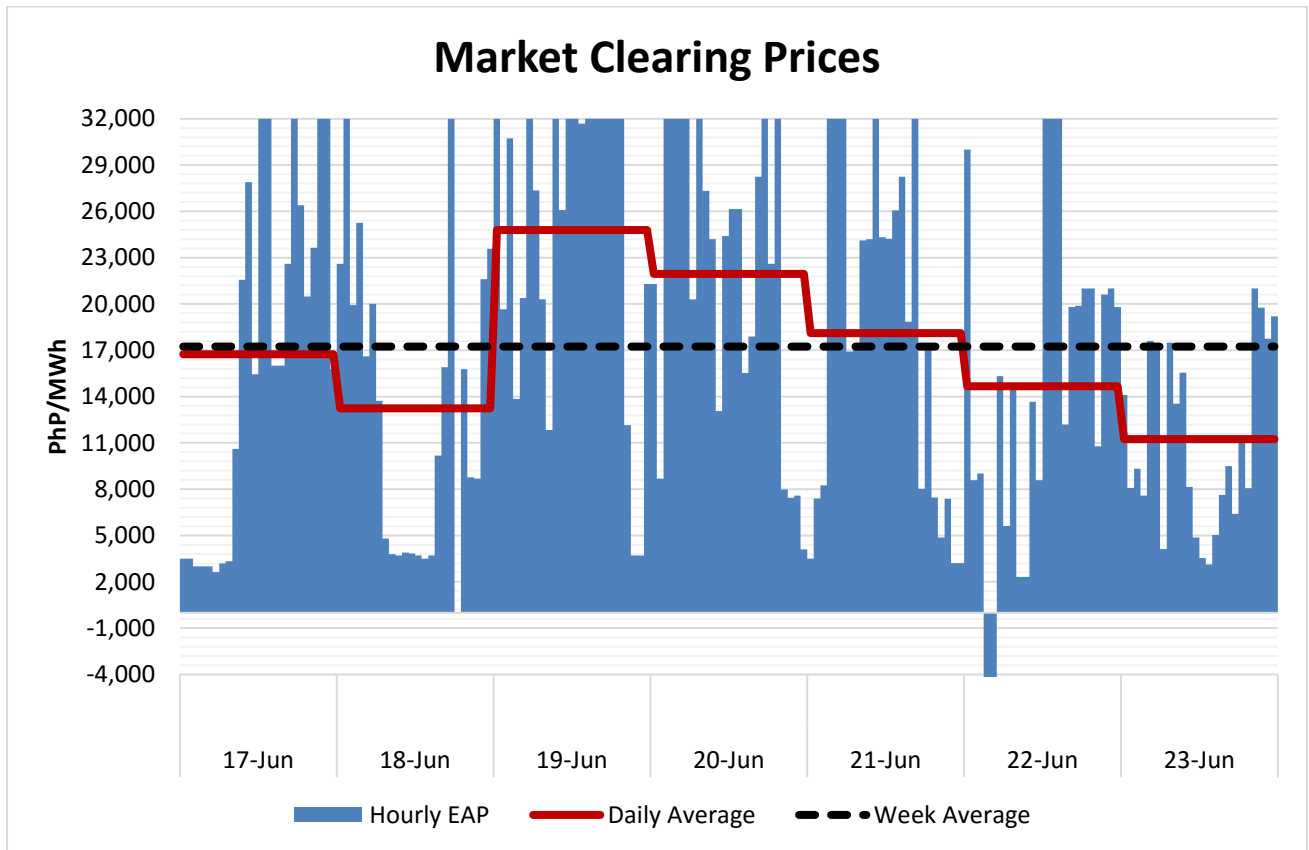
A. Locational Marginal Price



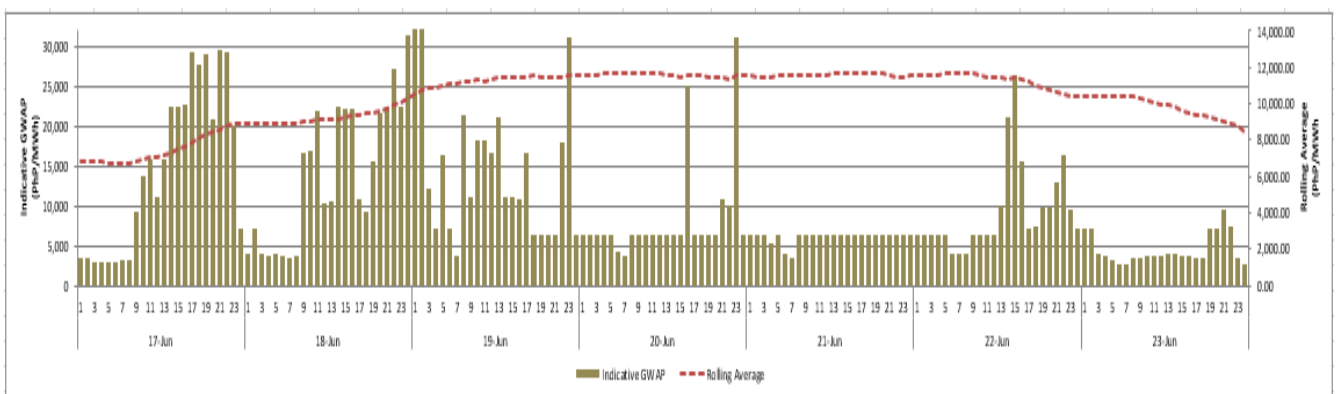
² Shows the Supply Cushion showing the ratio of the difference between the total offered quantity and system demand to total offered quantity;

³ Shows the following: (i) Locational Marginal Price (LMP) showing the average prices per sub-region; (ii) Market Clearing Prices showing the hourly prices, and the daily and weekly average prices (note that prices are not reflective of market-reruns or price substitution due to pricing error); and (iii) GWAP showing hourly indicative GWAP and the five-day (5) rolling average which is a gauge for the Cumulative Price Threshold (CPT) of Php9,000/MWh set by the Commission, a breach of the CPT triggers the imposition of the Php6,245/MWh Secondary Price Cap;

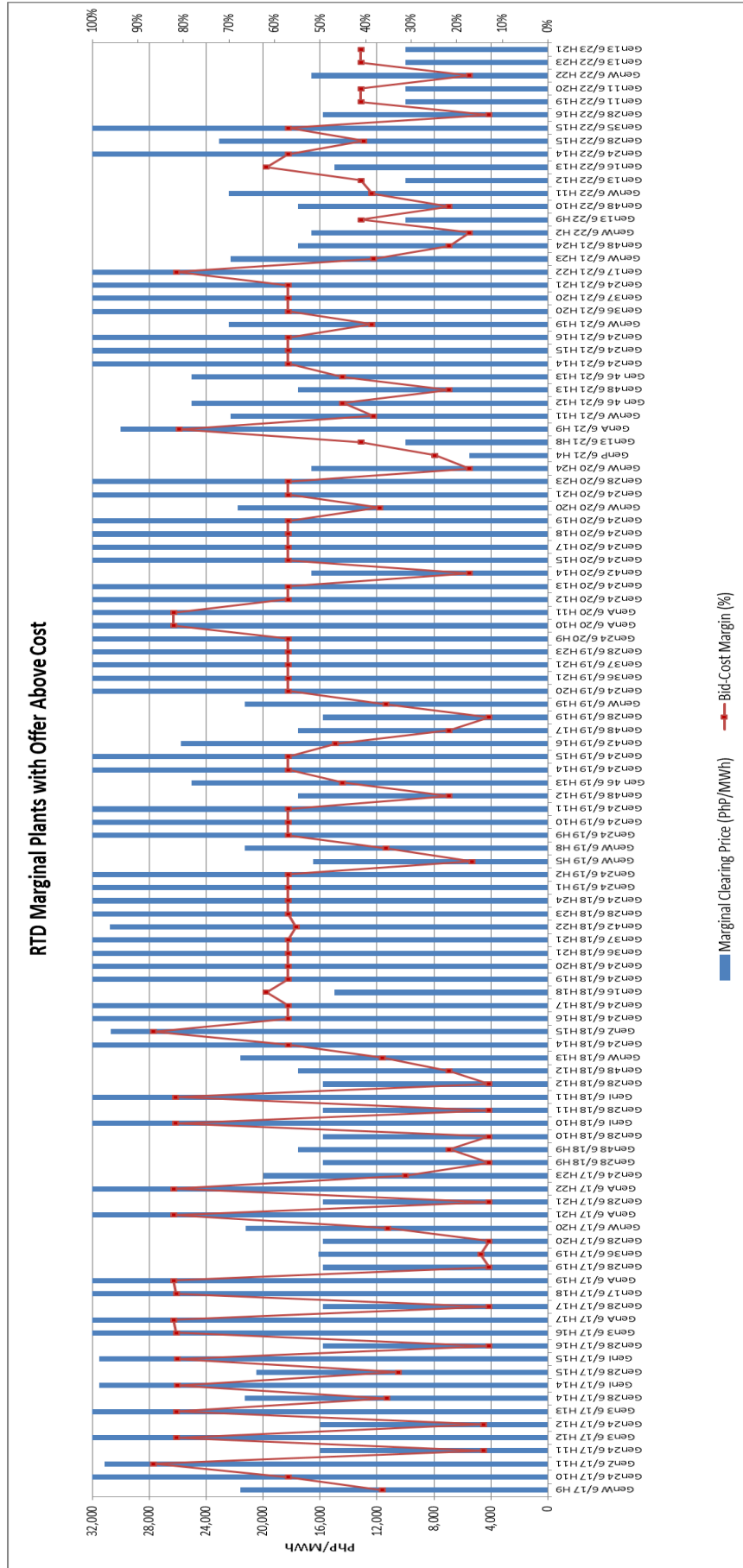
B. Market Clearing Prices



C. Generator Weighted Average Price (GWAP)

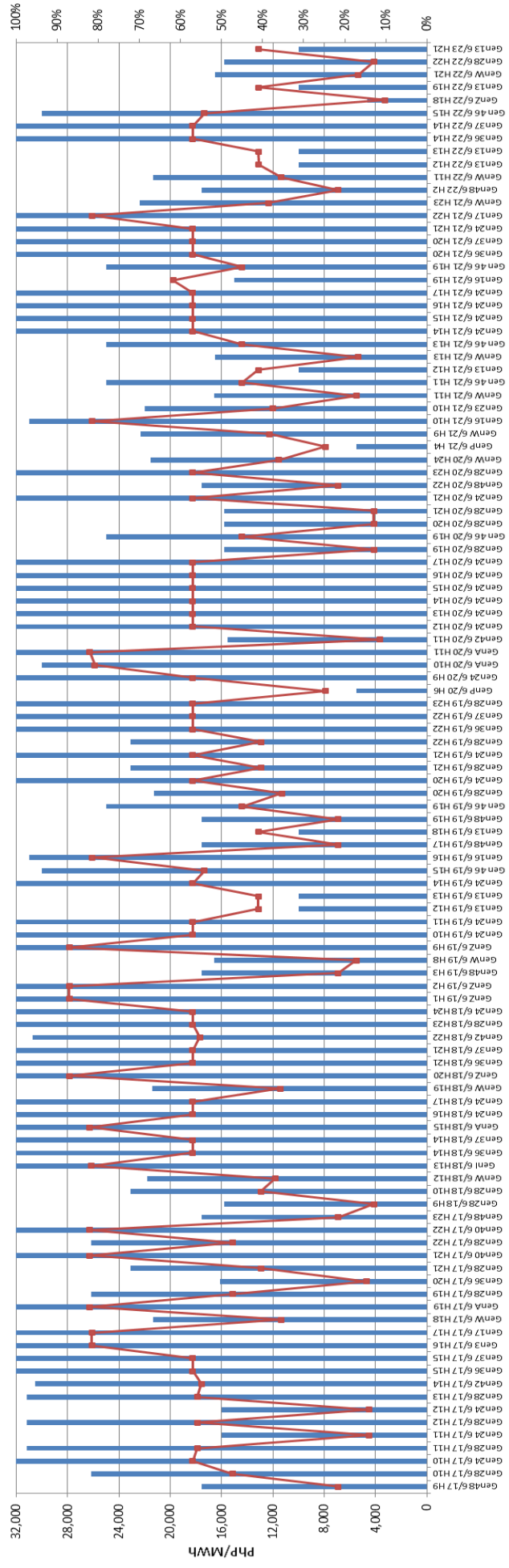


D. Bid Screen⁴



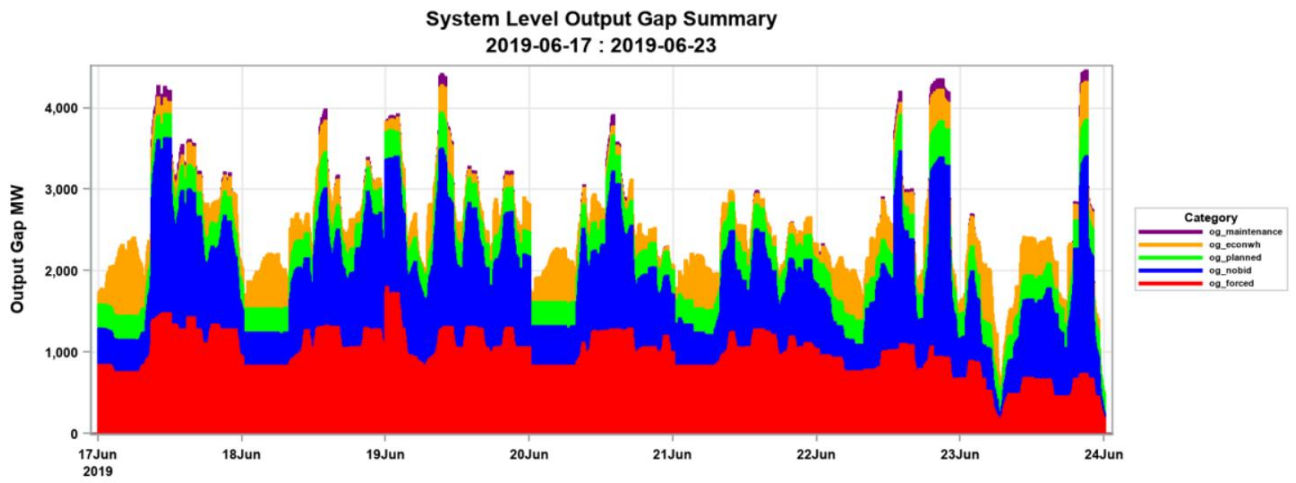
⁴ Shows the Bid-Cost Margin of the Marginal Plants that set the prices for the week. Any margin greater than ten percent (10%) shows possible abuse of market power by offering above competitive level/Reference Price. The maximum approved generation rates per technology comprising of the variable and fixed costs shall be used as the Reference Price for the deviation from the competitive level. The upper-bound range of the approved generation rates per technology is used as the conservative reference level to allow a wide tolerance for costing;

RTX Marginal Plants with Offer Above Cost



■ Marginal Clearing Price (PHP/MWh) —■ Bid-Cost Margin (%)

IV. Output Gap⁵



⁵ Shows the level of capacity that is not offered in the market and the capacity that is not producing output when the market clearing price is substantially higher than a generator's estimated cost.