



Eastshore Energy Center
25101 Clawaiter Road • Hayward, CA

Eastshore Energy Center

- Eastshore Energy joins Pacific Gas & Electric (PG&E) in the development of a \$140-million, 115.5-megawatt peaking-to-intermediate load power plant.
- The site for the plant—previously a Hayward metal stamping facility—encompasses 6.22 acres in a densely-developed industrial and commercial area about 14 miles southeast of downtown Oakland.
- Eastshore Energy is a subsidiary of Tierra Energy, an innovative Texas-based firm that specializes in wind power and natural gas-fired power generation.

Operational Information

- The Eastshore Energy Center (EEC) will become fully operational in early 2009, providing Hayward with reliable support to the local power supply for a minimum of 20 years
- EEC will serve to strengthen and increase reliability of the electrical grid for all of California's East Bay Region
- EEC is designed for rapid response to changes in power supply demand and has the potential to reach full output in 10 minutes
- 14 modularly designed Wartsila engines provide reliability with operational flexibility to provide support to Hayward with a back-up power supply configured to kick in quickly should other area power stations fail and operate at various power capacities
- Efficient Wartsila engines have the highest efficiency rating of any spark-ignited gas engine available today
- EEC alone will have the capacity to handle 90% of Hayward's peak demand
- EEC will operate from natural gas supplied directly to the plant by PG&E through an existing gas distribution pipeline.
- EEC is designed with state-of-the-art emissions control technology, will operate on low water consumption, and will generate minimal wastewater

Economics

- \$34.6 million in construction payroll will be generated through building the EEC plant
- On opening, the Hayward community can anticipate several million dollars' worth of economic benefit annually
- The annual operating budget of the EEC is estimated at \$2.08 million; \$1.3 million of this will be spent in Alameda County (14 incorporated cities including Hayward, Oakland, Fremont and Berkley among others)
- Approximately 10 to 15 new full time jobs will be created with the opening of the EEC