

Proposed 2010 Council Study Issue

DPW 10-09 Reliable Electrical Power Options

Lead Department Public Works
Element or Sub-element Community Vision Element
New or Previous New
Status Pending **History** 1 year ago None 2 years ago None

1. What are the key elements of the issue? What precipitated it?

This study issue was proposed by Vice Mayor Moylan and supported by Councilmember Hamilton at the December 8, 2009 study session on the City's Economic Development Program. A major factor in locating businesses within Sunnyvale or relocating out of Sunnyvale is the availability of reliable electrical power, or lack thereof. Businesses have raised concerns about frequent power outages and general reliability of the PG&E utility, affecting thier operations. PG&E has indicated that the poor condition and or inadequacy of the local distribution system is a cause of power failures.

This study issue would consider options to provide a better, more reliable power system in the City of Sunnyvale. Some options to explore are: whether the City may provide its own power system; whether the City can purchase and wheel power through existing distribution systems, what role the City can play in getting the local power distribution system improved; and other options that will further or satisfy the goals of providing reliable, cost-effective power.

2. How does this relate to the General Plan or existing City Policy?

X. ROBUST ECONOMY: To retain, attract and support strong and innovative businesses, which provide quality jobs for the city's workforce, tax revenue to support public services, and a positive reputation for Sunnyvale as a center of creativity and productivity.

Sunnyvale sits in the very center of the Silicon Valley, world renowned for its innovative and entrepreneurial spirit. The businesses which have grown up in the community bring wealth to its residents and cutting edge products to the world market. But the competition for such businesses, among the cities of the region and among similar regions throughout the world, is intense. To maintain its position of predominance, Sunnyvale must continue to provide opportunities for strong and innovative businesses, both large and small, including start-up companies and headquarters of large successful companies, to locate in the city; and it must strengthen its reputation as a business friendly community.

3. Origin of issue

Council Member(s) Vice Mayor Moylan, Councilmember Hamilton
General Plan
City Staff
Public
Board or Commission none

4. Multiple Year Project? Yes Planned Completion Year 2012**5. Expected participation involved in the study issue process?**

Does Council need to approve a work plan? No

Does this issue require review by a Board/Commission? No

If so, which?

none

Is a Council Study Session anticipated? No

What is the public participation process?

A roundtable discussion with businesses, meet with PG&E representatives, and a hearing with the California Public Utilities Commission may be necessary at the appropriate time, depending upon input from legal council.

6. Cost of Study

Operating Budget Program covering costs

Project Budget covering costs

portion to 827090 Construction of New WPCP

Budget modification \$ amount needed for study

\$100,000.00

Explain below what the additional funding will be used for

Legal fees and power expert consultant fees.

7. Potential fiscal impact to implement recommendations in the Study approved by Council

Capital expenditure range \$101K - \$500K

Operating expenditure range \$101K - \$500K

New revenues/savings range None

Explain impact briefly

8. Staff Recommendation

Staff Recommendation None

If 'For Study' or 'Against Study', explain

As directed by Council in 2001, staff looked into this issue of a long term energy solution as part of research efforts on Energy Strategies for Sunnyvale. Staff found that a power plant, or "peaker plant" (smaller capacity plant) was not feasible in Sunnyvale. The August 7, 2001 Information Only RTC (#01-288) presented to the City Council with the outcome of the findings is attached for information purposes.

9. Estimated consultant hours for completion of the study issue

2080

Managers

Role	Manager	Hours	
Lead	Rogge, Mark	Mgr CY1: 80	Mgr CY2: 80
		Staff CY1: 160	Staff CY2: 160
Interdep	Berry, Kathryn	Mgr CY1: 40	Mgr CY2: 40
		Staff CY1: 0	Staff CY2: 0

Total Hours CY1: 280

Total Hours CY2: 280

Note: If staff's recommendation is 'For Study' or 'Against Study', the Director should

note the relative importance of this Study to other major projects that the Department is currently working on or that are soon to begin, and the impact on existing services/priorities.

Reviewed by

Marvin A. Roe

Department Director

12/16/09

Date

Approved by

[Signature]
City Manager

12/17/09

Date

Addendum

A. Board / Commission Recommendation

Issue Created Too Late for B/C Ranking

Board or Commission	Rank	Rank
	Rank	Rank
	1 year ago	2 years ago
Arts Commission		
Bicycle and Pedestrian Advisory Committee		
Board of Building Code Appeals		
Board of Library Trustees		
Child Care Advisory Board		
Heritage Preservation Commission		
Housing and Human Services Commission		
Parks and Recreation Commission		
Personnel Board		
Planning Commission		

Board or Commission ranking comments

B. Council

Council Rank (no rank yet)
Start Date (blank)
Work Plan Review Date (blank)
Study Session Date (blank)
RTC Date (blank)
Actual Complete Date (blank)
Staff Contact