

Plan Schedules from June 8, 2004 Council Power Four Presentation

Least-Risk Plan Schedule

Resource	Characteristics	12/07	12/09	12/11	12/13	12/15	12/17	12/19
Gas CCCT	High efficiency, moderate capital cost, moderate lead time, moderate fuel cost			500	1000	500		
Gas SCCT	Moderate efficiency, low capital cost, short lead time, high fuel cost							
Coal	Moderate efficiency, high capital cost, long lead time, low fuel cost							
Wind	High capital cost, short lead time, zero fuel costs, intermittent				2000	1000	2000	
Conservation	<i>Cumulative total:</i>	628	942	1256	1570	1848	2090	2332

CCCT, SCCT, Coal, and Wind are incremental, calendar year additions (MW); Conservation is cumulative (MWa)

These dates represent the earliest that construction would begin. The earliest in-service dates are 2 years later for CCCT, 1 year for SCCT, 3 years six months for Coal, and 1 year for Wind, due to construction time requirements.

Least-Cost Plan Schedule

Resource	Characteristics	12/07	12/09	12/11	12/13	12/15	12/17	12/19
Gas CCCT	High efficiency, moderate capital cost, moderate lead time, moderate fuel cost			500		500		
Gas SCCT	Moderate efficiency, low capital cost, short lead time, high fuel cost							
Coal	Moderate efficiency, high capital cost, long lead time, low fuel cost							
Wind	High capital cost, short lead time, zero fuel costs, intermittent				600	900	300	
Conservation	<i>Cumulative total:</i>	588	882	1176	1470	1725	1941	2157

CCCT, SCCT, Coal, and Wind are incremental, calendar year additions (MW); Conservation is cumulative (MWa)

These dates represent the earliest that construction would begin. The earliest in-service dates are 2 years later for CCCT, 1 year for SCCT, 3 years six months for Coal, and 1 year for Wind, due to construction time requirements.

Plan Schedules from June 8, 2004 Council Power Four Presentation

Restated

Energy
Cumulative

Least-Risk Plan Schedule

Resource	Characteristics	12/07	12/09	12/11	12/13	12/15	12/17	12/19
Gas CCCT	High efficiency, moderate capital cost, moderate lead time, moderate fuel cost			475	1425	1900	1900	1900
Gas SCCT	Moderate efficiency, low capital cost, short lead time, high fuel cost							
Coal	Moderate efficiency, high capital cost, long lead time, low fuel cost							
Wind	High capital cost, short lead time, zero fuel costs, intermittent				600	900	1500	1500
Conservation	<i>Cumulative total:</i>	628	942	1256	1570	1848	2090	2332
Total		628	942	1731	3595	4648	5490	5732

All resources stated in cumulative energy(MWa). CCCT values assume five percent forced outage rate; Wind values assume a 30 percent availability.

These dates represent the earliest that construction would begin. The earliest in-service dates are 2 years later for CCCT, 1 year for SCCT, 3 years six months for Coal, and 1 year for Wind, due to construction time requirements.

Least-Cost Plan Schedule

Resource	Characteristics	12/07	12/09	12/11	12/13	12/15	12/17	12/19
Gas CCCT	High efficiency, moderate capital cost, moderate lead time, moderate fuel cost			475	475	950	950	950
Gas SCCT	Moderate efficiency, low capital cost, short lead time, high fuel cost							
Coal	Moderate efficiency, high capital cost, long lead time, low fuel cost							
Wind	High capital cost, short lead time, zero fuel costs, intermittent				180	450	540	540
Conservation	<i>Cumulative total:</i>	588	882	1176	1470	1725	1941	2157
Total		588	882	1651	2125	3125	3431	3647

All resources stated in cumulative energy(MW_a). CCCT values assume five percent forced outage rate; Wind values assume a 30 percent availability.

These dates represent the earliest that construction would begin. The earliest in-service dates are 2 years later for CCCT, 1 year for SCCT, 3 years six months for Coal, and 1 year for Wind, due to construction time requirements.

Current Plan Schedules

Least-Risk Plan Schedule

Resource	Characteristics	12/07	12/09	12/11	12/13	12/15	12/17	12/19
Gas CCCT	High efficiency, moderate capital cost, moderate lead time, moderate fuel cost			580	580	580	1159	1159
Gas SCCT	Moderate efficiency, low capital cost, short lead time, high fuel cost							
Coal	Moderate efficiency, high capital cost, long lead time, low fuel cost							
Wind	High capital cost, short lead time, zero fuel costs, intermittent				120	720	1320	1500
Conservation	<i>Cumulative total:</i>	643	936	1228	1502	1755	1987	2212
Total		643	936	1807	2202	3055	4466	4871

All resources stated in cumulative energy(MW_a). CCCT values assume five percent forced outage rate; Wind values assume a 30 percent availability.

These dates represent the earliest that construction would begin. The earliest in-service dates are 2 years later for CCCT, 1 year for SCCT, 3 years six months for Coal, and 1 year for Wind, due to construction time requirements.

Least-Cost Plan Schedule

Resource	Characteristics	12/07	12/09	12/11	12/13	12/15	12/17	12/19
Gas CCCT	High efficiency, moderate capital cost, moderate lead time, moderate fuel cost			580	580	580	580	580
Gas SCCT	Moderate efficiency, low capital cost, short lead time, high fuel cost							
Coal	Moderate efficiency, high capital cost, long lead time, low fuel cost							
Wind	High capital cost, short lead time, zero fuel costs, intermittent					150	540	540
Conservation	<i>Cumulative total:</i>	589	849	1094	1323	1545	1755	1966
Total		589	849	1674	1903	2274	2874	3085

All resources stated in cumulative energy(MW_a). CCCT values assume five percent forced outage rate; Wind values assume a 30 percent availability.

These dates represent the earliest that construction would begin. The earliest in-service dates are 2 years later for CCCT, 1 year for SCCT, 3 years six months for Coal, and 1 year for Wind, due to construction time requirements.