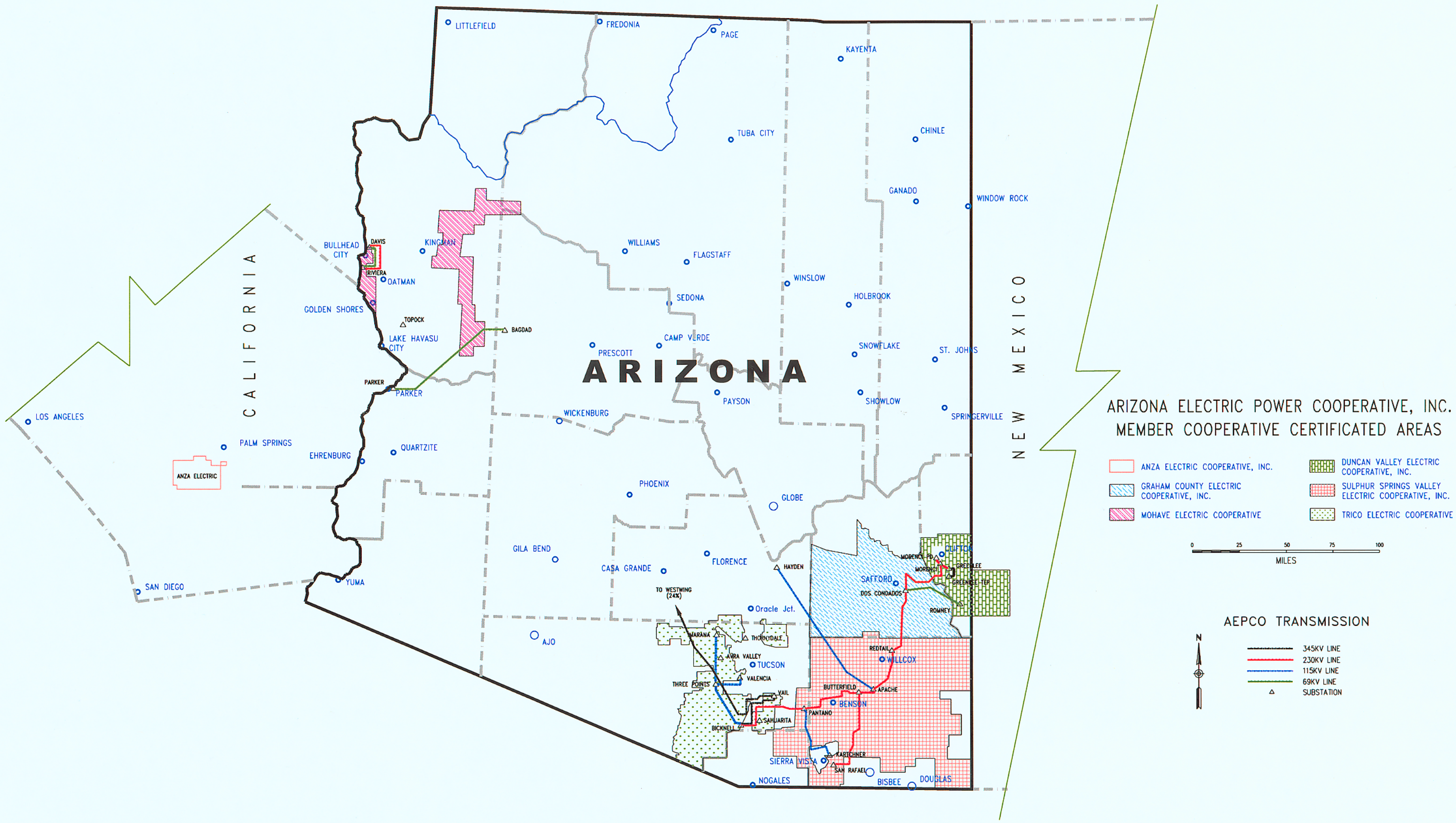


ARIZONA ELECTRIC POWER COOPERATIVE, INC.
MEMBER COOPERATIVE CERTIFICATED AREAS

- ANZA ELECTRIC COOPERATIVE, INC.
- GRAHAM COUNTY ELECTRIC COOPERATIVE, INC.
- MOHAVE ELECTRIC COOPERATIVE
- DUNCAN VALLEY ELECTRIC COOPERATIVE, INC.
- SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE, INC.
- TRICO ELECTRIC COOPERATIVE

0 25 50 75 100
MILES

AEPCO TRANSMISSION

N

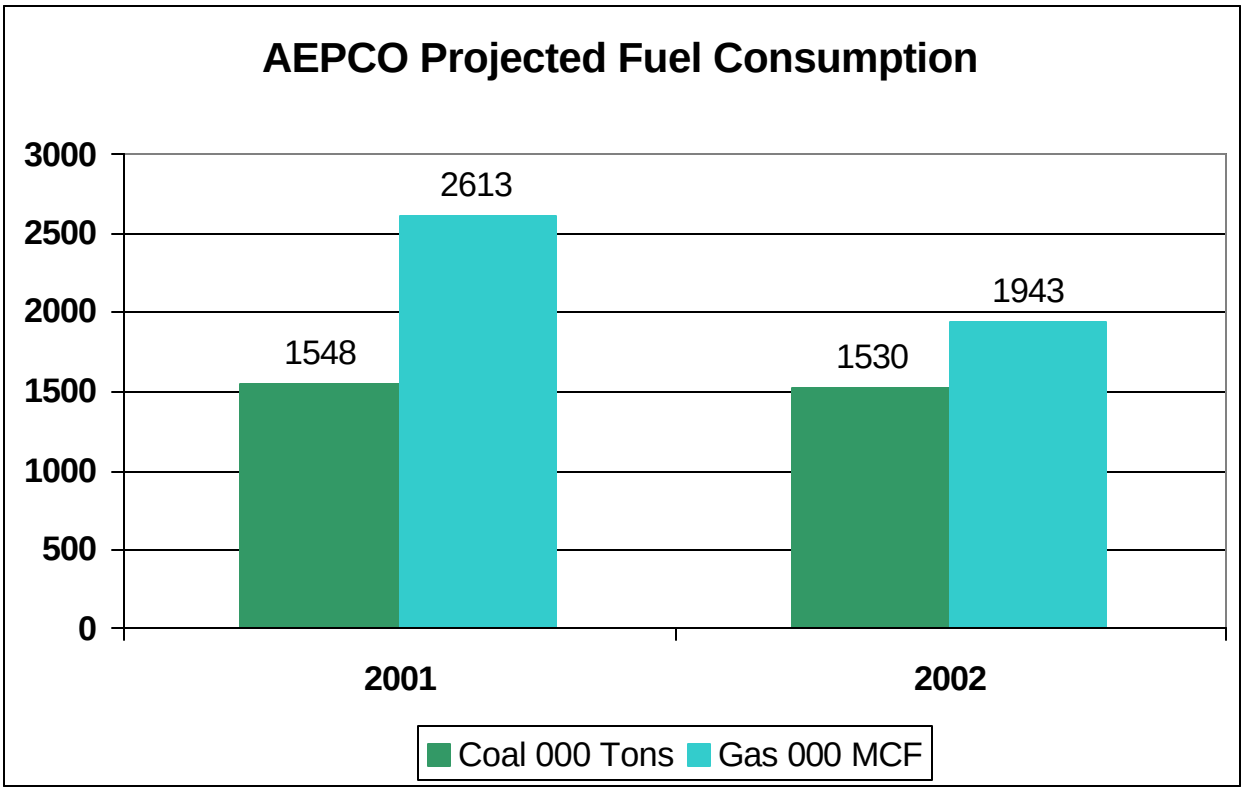
- 345KV LINE
- 230KV LINE
- 115KV LINE
- 69KV LINE
- SUBSTATION

AEPCO Loads & Resources

- **AEPCO's Loads & Resources table is constructed using WSCC criteria with a 12% minimum reserve requirement.**

- **The chart below shows AEPCO's monthly Net Demand + 12% Reserve criteria versus AEPCO's Net Resources for 2001-2002**

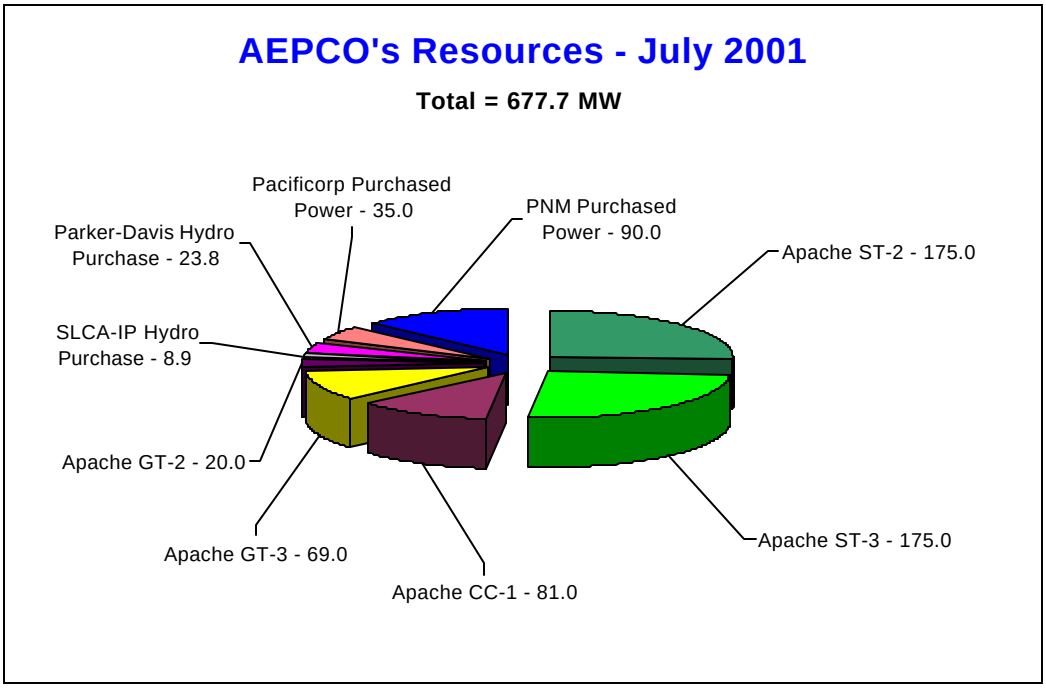
- **Load duration curve analysis suggests that the summer shortfalls are only of a few hours duration**

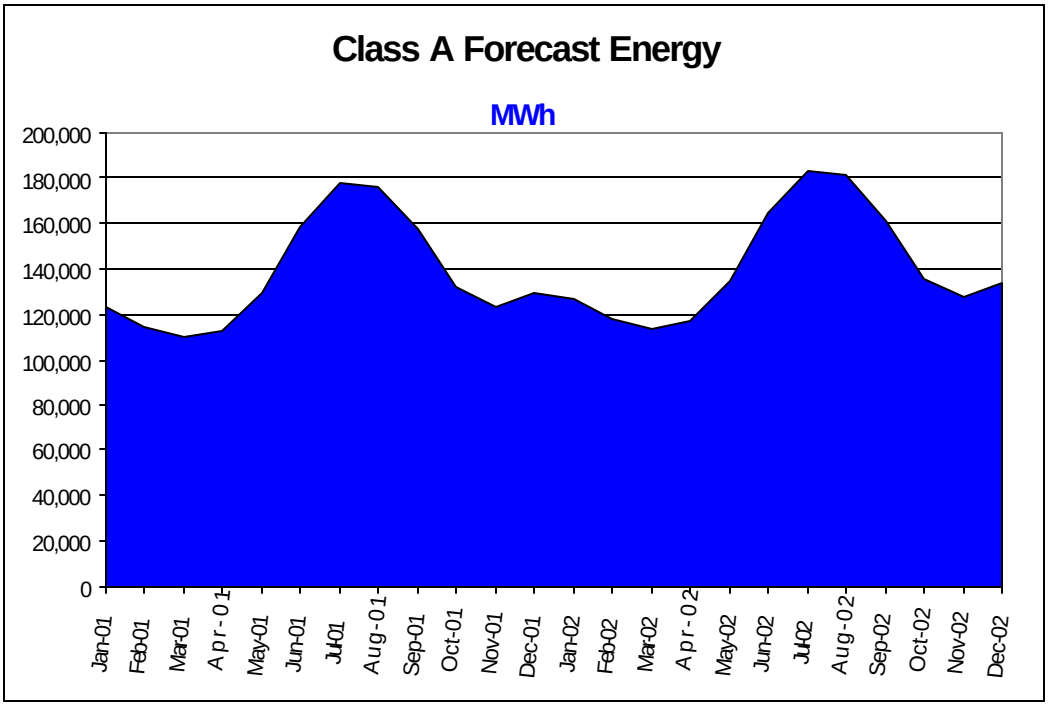


AEPCO's Reserve Capacity - MW

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2001	82	97	114	111	51	(1)	4	15	28	71	103	88
2002	93	109	129	129	66	(1)	(19)	(6)	22	82	112	97

AEPCO's Resource Capacity – MW

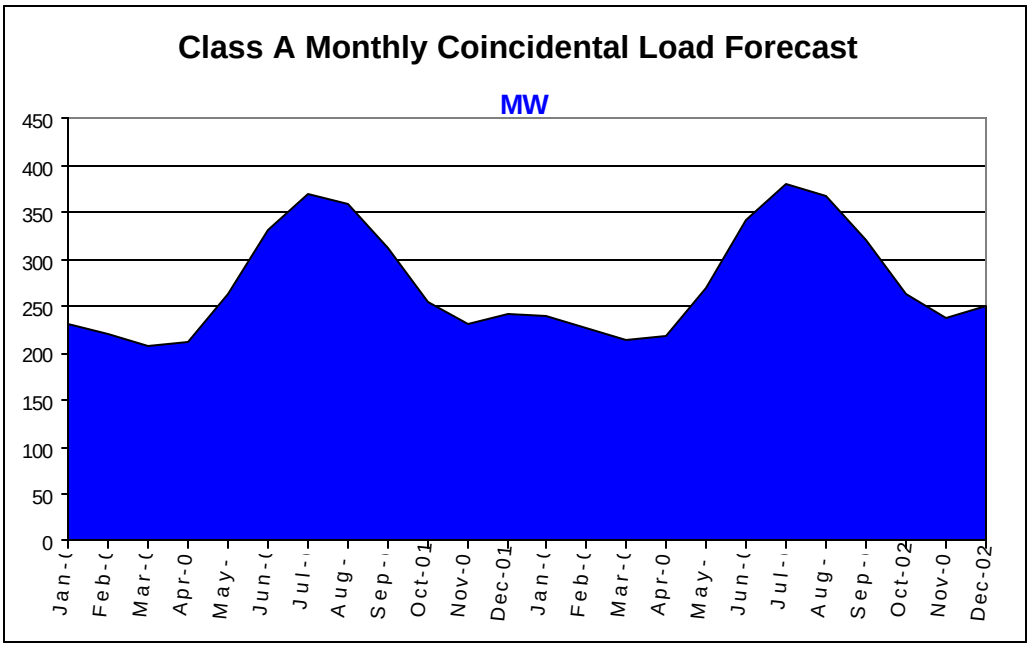


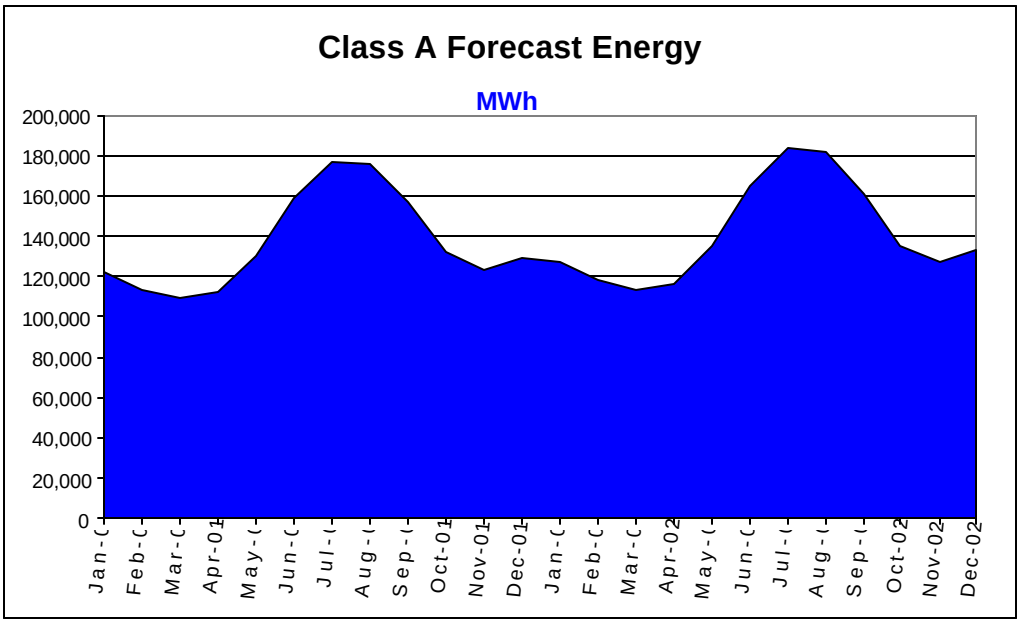


Class A Load Forecast & Growth Rate

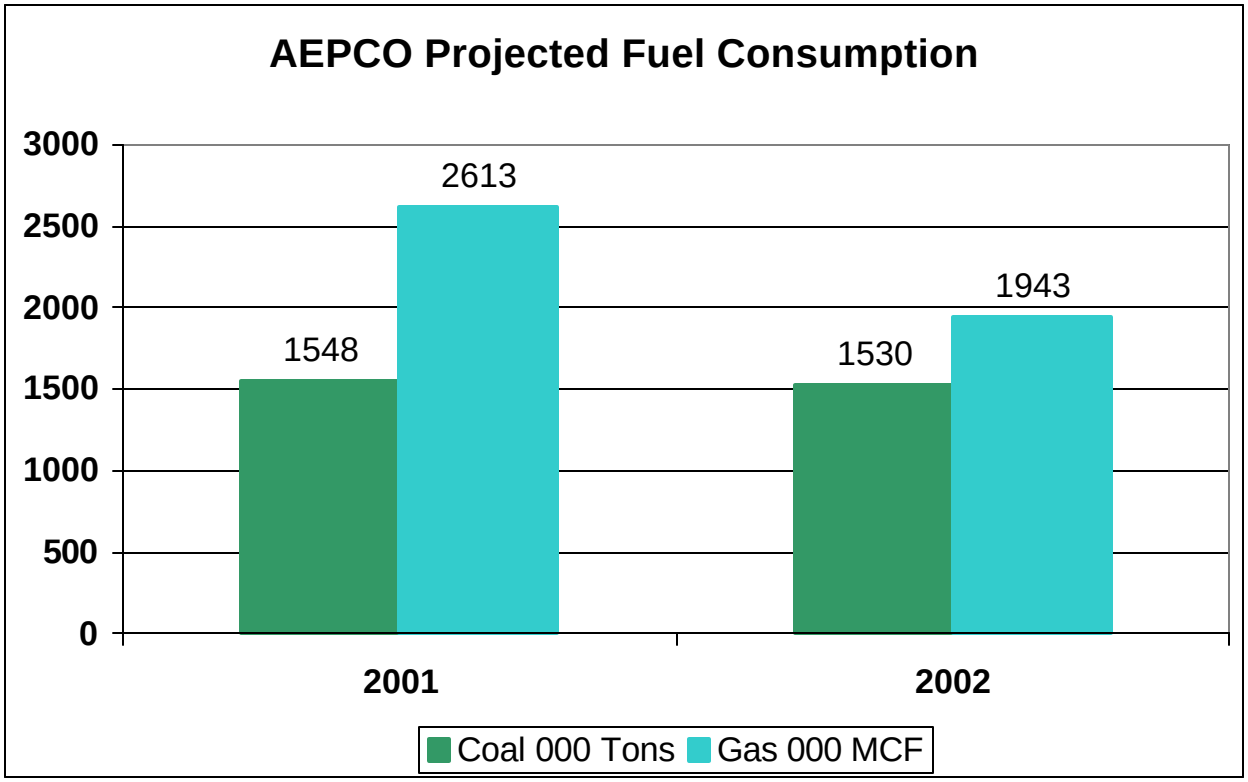
- **AEPCO's Class A Growth Rate for the peak period July 2001 to July 2002 is 3.14%. Energy growth from 2001 to 2002 is 3.31%**

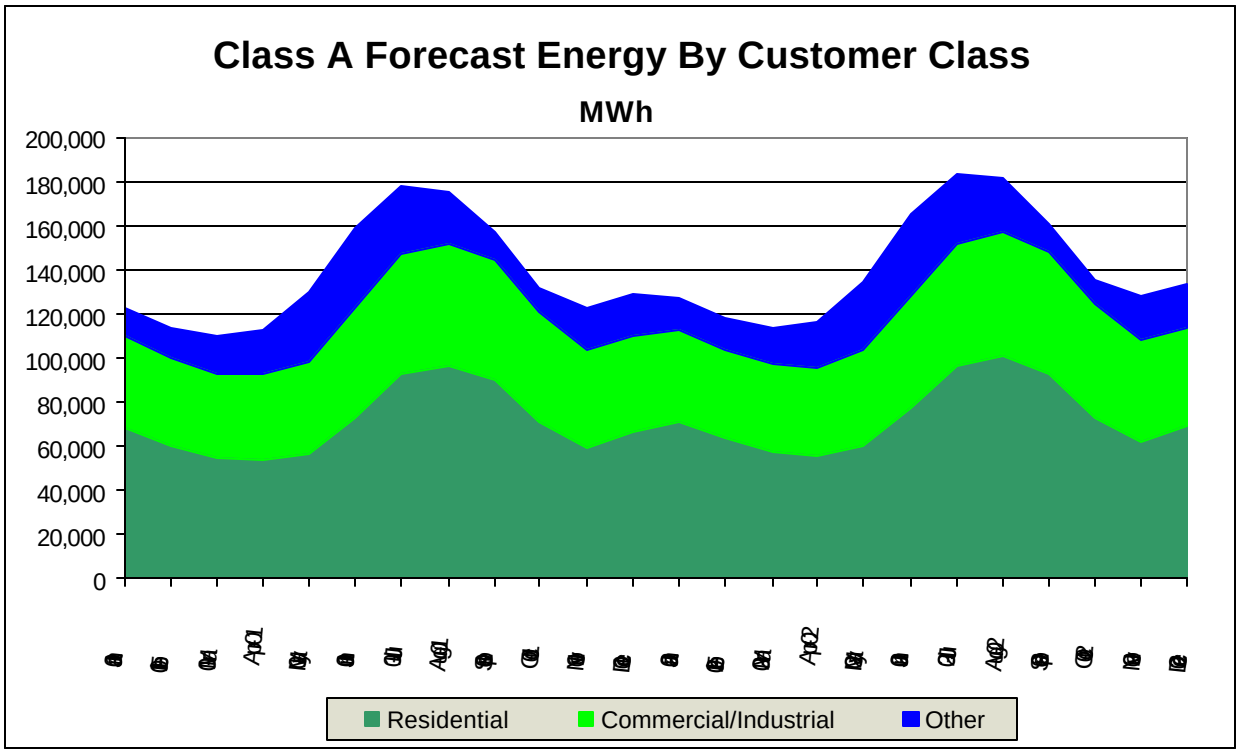
- **AEPCO serves other firm, contingent and non-firm loads to ensure more efficient use of its resources. For July 2001, these are 242.5 MW and July 2002, 140.2 MW**





Projected Annual Fuel Consumption



Forecast Energy By Customer Class

- **"Other" includes sales for resale, irrigation and public authority sales (street lighting, etc.)**