

Preliminary Utility Load Summary Table
CNUMC, CUP, OUT-PATIENT, MOB, DORM, RETAIL/PARKING & SOM LOCATED at ELK GROVE CAMPUS

Utility Provider	City of Elk Grove		Building Generators	City of Elk Grove	City of Elk Grove	City of Elk Grove	City of Elk Grove	City of Elk Grove	City of Elk Grove	Remarks
	sqft	Normal Power peak demand kW/year	Emerg Power peak demand kW	Water peak demand gpm	Water avg demand gpd	Water avg demand gpy	Sewer peak demand gpm	Sewer avg demand gpd	Chilled Water peak tons	
Factor		sqft*kw 60		x avg gpm 5.25	gpd per sqft 0.2				sqft/ton 250	
Existing Utility Loads										
SOM	109,800	6,588,000		80	22,000	8,030,000			400	
Subtotals - Existing Loads		6,588,000		80	22,000				400	
New Utility Loads		sqft*kw 60 45		x avg gpm 5	gpd per sqft 0.2 0.15				sqft/ton 250 300	
CNUMC Hospital - Phase 1 - 12 stories above + 1 basement	590,500	35,430,000		410	118,000	43,070,000			2,400	
CNUMC Hospital - Phase 2	139,500	8,370,000		100	28,000	10,220,000			600	
CUP Central Plant - 2 Stories	28,800	1,728,000		100	6,000	2,190,000			100	Except cooling tower, CW loads included in bldg.
Out-Patient Out-Patient - 4 stories above + 1 basement	168,500	10,110,000		120	34,000	12,410,000			700	
MOB MOB - 5 stories above	100,000	6,000,000		70	20,000	7,300,000			400	
Phase2 Parking Retail floor estimation only.	54,400	2,448,000		30	8,000	2,920,000			200	
Dorm Dormitory - 5 stories above	120,000	5,400,000		60	18,000	6,570,000			400	
Phase 3 Parking Retail floor estimation only.	41,400	1,863,000		20	6,000	2,190,000			100	
SOM New School - 2 stoies	109,800	6,588,000		80	22,000	8,030,000			400	
Parking/Sport Sport floor estimation only	35,000	1,575,000		20	5,000	1,825,000			100	
		-		-	-				-	
		-		-	-				-	
Subtotals- Proposed Load		79,512,000		1,010	265,000	96,725,000			5,400	
Total CNSUMC Load Increase after Project		86,100,000		930	243,000	96,725,000			5,800	