APPENDIX K

Electrical and Gas Loading Estimates for

DUNNIGAN SPECIFIC PLAN

January 9, 2012

Yolo County

Woodland, CA

	ESTIMATED ELECTRIC DEMAND AT BUILDOUT	ELECTRIC DE	EMAND A	T BUILDOU	_			
Section	Dunnigan Land Use	Units Estimated	Acreage	FAR Ratio	Building Sq Footages Estimated	Avg Peak kVA/Unit or Sq Ft	Average Demand (MVA)	Peak Demand (MVA)
-	Single Family Residential RR, RL & RM	6,963				4.5	15.4	31.3
2	Single Family Residential RH & Multifamily	1,332				3.5	2.3	4.7
3	Residential in Commercial Parcels (MU, CL, Off,)	714				3.5	1.2	2.5
4	Community Commercial Mixed Use		57.5	25%	626,175	0.0062	1.7	3.9
5	Public/ Quasi Facilities		18.8	22%	180,164	0.0062	0.5	1.1
9	Schools (4 elementary, 1 middle, 1 high school)		103.3	10%	449,975	0.0057	9.0	2.7
7	Regional Commercial		38.2	25%	415,998	0.0059	1.0	2.5
8	Community Commercial		52.1	25%	567,369	0.0062	1.3	3.5
6	Highway Commercial		101.2	722%	1,102,068	0.0065	3.0	7.2
10	Office/ R& D (Office Park)		143.6	30%	1,876,565	0.0061	4.4	11.4
11	Light Industrial (1/2 Warehouse, 1/2 Manufacturing)		199.3	40%	3,472,603	0.0048	6.1	16.7
	0							
Totals		600'6	714		8,690,917		37.7	87.4

	ESTIMATED NATURAL GAS DEMAND AT BUILDOUT	URAL GAS DE	MAND AT BI	UILDOUT			
SECTION	Dunnigan	Units	Acreage	FAR	Building	CFH per Sq Ft	Total
	Land Use	Estimated		Ratio	Sq Footages	or Unit	Demand
					Estimated		(MCFH)
_	Single Family Residential RR, RL & RM	6,963				90	348.2
2	Single Family Residential RH & Multifamily	1,332				04	53.3
3	Residential in Commercial Parcels (MU, CL, Off,)	714				40	28.6
4	Community Commercial Mixed Use		57.5	72%	626,175	90'0	31.3
5	Public/ Quasi Facilities		18.8	22%	180,164	90'0	0.6
9	Schools (4 elementary, 1 middle, 1 high school)		103.3	10%	449,975	90'0	22.5
7	Regional Commercial		38.2	72%	415,998	0.04	16.6
8	Community Commercial		52.1	25%	567,369	0.04	22.7
6	Highway Commercial		101.2	25%	1,102,068	90'0	66.1
10	Office/ R& D (Office Park)		143.6	30%	1,876,565	90'0	93.8
11	Light Industrial (1/2 Warehouse, 1/2 Manufacturing)		199.3	40%	3,472,603	0.04	138.9
TOTALS		600'6	714		8,690,917		831

(S) Map data 620 11 60 ogle - Terms of Use Satellite er Blvd W Catlett Rd Map (8) 1181 **(P) (2)** Robbins Knights Landing (2) Redamation Rd (3) (113) Co Red (2) Reclamation Rd Co Rd 13 Co Hwy E Cranmore Rd Campoie Rd Fraziers T ndall Boyers 10 9 County Line Rd (2) 10 Co Rd P9 Co Rd 1 13 Hersby College City A Harrington Co Rd 87 Rdo Co Hwy E4 Co Rde Co Rd 85 230 41 Hilgate Rd Google Brooks (B) (v 0 + 1 Guinda

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