
COMLINK LAND SERVICES, LLC

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Salt Lake City, UT 84107
(801) 288-4033

Electric Utility Consultants

November 30, 2011

Area Plan at Traverse Mountain

Lehi, Utah

Comlink Land Services has been asked by Mountain Home Development, Inc. to project the ultimate peak power requirements of the area plan at Traverse Mountain and provide an estimate of the impact to the Lehi City electrical system as requested by Lehi City.

Peak power requirements were determined from:

- The 08.12.11 concept plan information provided to Comlink by Mountain Home Development.
- Summations of estimated specific component loads per gross square foot of development by load type.
- Prorated estimates of total building/facility load based on actual loads and/or connected transformers for similar building/facility loads along the Wasatch Front.
 - Based on Office Foot print per unit of 27,800 sq. ft for a 3 level building.
- Detailed residential load estimates based on previous load measurements and detailed engineering studies of residential loads for newly constructed dwellings along the Wasatch Front with natural gas and electric combined HVAC systems.
- Peak load estimates for the hotel were prorated from similar loads.

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The following is a tabulation of the estimated coincident peak loads, by land use classifications, for the project:

Traverse Mountain Area Plan Load Calculations				
	Units or Sq.Ft.	Peak per Unit or sq.ft. (kW)	Coincident Peak (kW)	Impact Fee
Residential (Units)	5,812	2.83273	16,464	\$3,736,470
Churches (units)	5	49	245	\$55,603
Hotel (sq.ft.)	220,500	0.00680	1,500	\$340,425
Resturants (units)	5	55	271	\$61,579
Office (units)	6	248	1,487	\$337,429
Commercial	800,000	0.00795	6,360	\$1,443,402
			26,327	\$5,974,908

The estimated coincidental peak demand from the proposed development is projected to be 26.3 Megawatts.

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QUESTAR

Questar Gas Company
1640 N. Mountain Springs Parkway
Springville, UT 84663
Tel 801 853 7400

April 11, 2000

Maria Nyas

To Whom It May Concern,

Questar Gas Company is presently accepting application for new or additional natural gas for residential or non-residential use renderable under the Company's firm rate schedule. This is subject to Questar Gas Tariff on file with the Public Service Commission of the State of Utah.

We are prepared to serve the City of Lehi, located at approximately, between I15 East towards Micron and Point of Mountain, North side of SR92. Fox Ridge Subdivision, present application and limitation policy.

Sincerely,

Steve Adams

Steve Adams
Provo New Construction

sa

Official Natural Gas Supplier to the
2002 Olympic Winter Games



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