

Appendix H

**Socioeconomic Data**

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## **Appendix H.1**

### **IMPLAN Inputs**

# IMPLAN Modeling Approach

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## Step 1

- All input data were deflated to 2013 dollar terms using the Wyoming Cost of Living Index (2nd quarter).

## Step 2

- Selected the counties of Albany and Carbon as the study region.
- Set the default year of analysis to 2013 using the File>User Preferences>Analysis>Default Event Year option. This allows use of the Wyoming observed cost of living to adjust prices rather than use the BLS projections incorporated in the model.

## Step 3

- Analysis by Parts: Modeled (separately) direct labor purchases as a labor income change and purchases of materials and services as an industry change.

## Step 4

Obtained the analysis results as follows:

- Estimated the direct effects outside of IMPLAN (e.g., direct on-site employment and earnings).
- The indirect effects are the sum of direct and indirect effects estimated through IMPLAN for purchases of materials and services (because the direct effects of purchases of materials are actually the first round of indirect effects of the project).
- The induced effects are sum of induced effects from direct labor income and indirect labor income (from purchases of materials).
- Results were then converted back to 2016 dollar terms using the Wyoming cost of living index.

**IMPLAN Inputs – Construction**

Cost Category	Local Expenditures (i.e., Counties of Albany and Carbon)	IMPLAN Sector	IMPLAN Activity Type
<b>Total Cost</b>	<b>\$82,088,676</b>	-	-
Turbines	\$0	-	-
EPC contractor	\$0	-	-
Engineering and surveying	\$923,684	449 (Architectural, Engineering and Related Services)	Industry Change
Erection of turbines and construction of electrical components - contracted services	\$16,875,949	54 (Power and Communications Construction)	Industry Change
Erection of turbines and construction of electrical components - direct labor	\$8,661,030	54 (Power and Communications Construction)	Labor Income Change
Construction of non-electrical components (roads, O&M) - contracted services	\$0	58 (New Non-residential Structures)	Industry Change
Construction of non-electrical components (roads, O&M) - direct labor	\$7,086,298	58 (New Non-residential Structures)	Labor Income Change
Gravel, power transmission equipment and other materials	\$35,798,981	395 (Wholesale Trade)	Industry Change
Rental of cranes and other machinery	\$2,296,727	445 (Commercial and Industrial Machinery and Equipment Rental)	Industry Change
Truck transportation	\$3,095,588	411 (Truck Transportation)	Industry Change
Lodging per diem for direct labor	\$4,672,766	499 (Hotels and Motels)	Industry Change
Food per diem for direct labor	\$2,677,653	400 (Retail - Food and Beverage Stores)	Industry Change

**IMPLAN Results – Construction**

Impact Type	Employment	Labor Income*	Total Value Added*	Output*
Direct Effect	Estimated Outside of IMPLAN			
Indirect Effect	293	\$14,062,932	\$22,740,668	\$43,250,355
Induced Effect	109	\$3,447,921	\$7,339,534	\$12,819,800
<b>Total Secondary Effects</b>	<b>402</b>	<b>\$17,510,853</b>	<b>\$30,080,201</b>	<b>\$56,070,155</b>

\* 2016 dollar terms

**IMPLAN Inputs – Operations**

Cost Category	Local Expenditures (i.e., Counties of Albany and Carbon)	IMPLAN Sector	IMPLAN Activity Type
<b>Total Cost</b>	<b>\$3,578,982</b>	-	-
Labor compensation	\$1,023,290	45 (Electric Power Generation - Wind)	Labor Income Change
Materials	\$0	-	-
Maintenance	\$2,555,692	507 (Commercial and Industrial Machinery and Equipment Repair and Maintenance)	Industry Change

**IMPLAN Results – Operations**

Impact Type	Employment	Labor Income*	Total Value Added*	Output*
Direct Effect	Estimated Outside of IMPLAN			
Indirect Effect	23	\$1,439,861	\$2,019,157	\$2,845,878
Induced Effect	9	\$285,113	\$606,597	\$1,059,497
<b>Total Secondary Effects</b>	<b>32</b>	<b>\$1,724,974</b>	<b>\$2,625,754</b>	<b>\$3,905,375</b>

\* 2016 dollar terms

## **Appendix H.2**

### **Housing Call Log**

**Boswell Springs Project**  
**Call Log for Motels/Hotels**

<b>Date of Call</b>	<b>County</b>	<b>City</b>	<b>Motel/Hotel Name</b>	<b>Address</b>	<b>Phone Number</b>	<b>Name of Contact</b>	<b>No. Rooms/Notes</b>
5/25/2016	Albany	Rock River	Longhorn Lodge	362 N 4th St	307-378-2555	Roy Hostetler	7 cabins
11/11/2015	Albany	Laramie	Days Inn	1368 N McCue St.	307-745-5678	Bob	53 rooms 4 rooms. A bed and breakfast.
11/11/2015	Albany	Laramie	Mad Carpenter Inn	353 N 8th St.	307-742-0870	Lawrence Andrew (General Manager)	52 rooms
11/11/2015	Albany	Laramie	Econo Lodge	1370 N McCue St.	307-745-8900	Chelsea	79 rooms
11/11/2015	Albany	Laramie	Travelodge	421 Boswell Dr.	307-742-3721		141 rooms - 80 are long terms rentals
11/11/2015	Albany	Laramie	Motel 8	501 Boswell Dr.	307-745-4856	Shari	30 rooms
11/11/2015	Albany	Laramie	Gas Lite Motel	960 N 3rd St.	307-742-6616	Maria	Approximately 70 Phone number disconnected
11/11/2015	Albany	Laramie	Quality Inn & Suites	1655 Centennial Dr.	307-742-6665	Jacee	32 rooms
11/11/2015	Albany	Laramie	Rodeway Inn	1555 Snowy Range Rd.	307-742-8371		35 rooms
11/11/2015	Albany	Laramie	Laramie Valley Inn	1104 S 3rd St.	307-742-4200	Kenny	
11/11/2015	Albany	Laramie	Super 8	1987 Banner Rd.	307-745-8901	Sandy Tracey (General Manager)	55 rooms
11/11/2015	Albany	Laramie	Comfort Inn	3420 E Grand Ave.	307-721-8856		
11/11/2015	Albany	Laramie	AmericInn Lodge & Suites	4712 E Grand Ave	307-745-0777	Raymond	59 rooms Phone number disconnected
11/11/2015	Albany	Laramie	Thunderbird Lodge	1369 N 3rd st.	307-745-4871		
11/11/2015	Albany	Laramie	Americas Best Value Inn	523 S Adams St.	307-721-8860	Charlie (Front Desk)	35 rooms
11/11/2015	Albany	Laramie	Best Western	1767 Banner Rd.	307-745-5700	Ken	60 rooms
11/11/2015	Albany	Laramie	Ranger Lounge & Motel	463 N 3rd St.	307-742-2466	Patrick	0 rooms 9 hotel rooms, 10 cabin suites
11/11/2015	Albany	Laramie	Albany Lodge	1148 State Highway 11	307-745-5782	Alicia	3 rooms, 3 cabins
11/11/2015	Albany	Laramie	Knapp's Wycolo Lodge	4039 State Highway 230	307-742-6800	Kevin	25 rooms - 12 are long term rentals
11/11/2015	Albany	Laramie	Travel Inn Motel	262 N 3rd St.	307-745-4853	Zack	100 rooms
11/11/2015	Albany	Laramie	Holiday Inn	204 S 30th St.	307-721-9000	Heather	100 rooms
11/11/2015	Albany	Laramie	Ramada Laramie	2313 Soldier Springs Rd.	307-742-6611	Mindy (Manager)	99 rooms
11/11/2015	Albany	Laramie	Motel 6	621 Plaza Ln.	307-742-2307	Susan	30 rooms
11/11/2015	Albany	Laramie	Downtown Xenion Motel	165 N 3rd St.	307-742-6671	Ed Josh (Assistant General Manager)	135 rooms
11/11/2015	Albany	Laramie	Hilton Garden Inn	2229 E Grand Ave	307-745-5500	Andrew	84 rooms
11/11/2015	Albany	Laramie	Hampton Inn	3715 E Grand Ave	307-742-0125		Approximately 80 rooms
11/11/2015	Albany	Laramie	Fairfield Inn and Suites	1673 Centennial Dr.	307-460-2100	Alyssa	

***Boswell Springs Project Call  
Log for Motels/Hotels***

<b>Date of Call</b>	<b>County</b>	<b>City</b>	<b>Motel/Hotel Name</b>	<b>Address</b>	<b>Phone Number</b>	<b>Name of Contact</b>	<b>No. Rooms/Notes</b>
11/11/2015	Carbon	Medicine Bow	Virginian Hotel	404 Lincoln Hwy.	307-379-2377	Jennifer	56 rooms - all can be extended stay
11/11/2015	Carbon	Hanna	Golden Rule Motel	305 S Adams	307-325-6525		No answer Missed call. Per website there are 4 cabins with seasonal occupancy (June to October).
12/16/2015	Carbon	Elk Mountain	Elk Mountain Cabins	107 Main Street	307-348-7778		
			Elk Mountain Hotel and Restaurant				
11/11/2015	Carbon	Elk Mountain		102 Bridge St.	307-348-7774	Susan	12 rooms



***Boswell Springs Project  
Campgrounds RV Parks***

<b>Date of Call</b>	<b>County</b>	<b>City</b>	<b>RV Park Name</b>	<b>Address</b>	<b>Phone Number</b>	<b>Contact</b>	<b>No. of Pads</b>
12/15/2015	Albany	Laramie	Laramie KOA	1271 W. Baker St.	307-742-6553	Ron	118
12/17/2015	Carbon	Elk Mountain	BS RV Park	101 E. Main	307-321-1178	Peg	8
12/17/2015	Carbon	Medicine Bow	Charlie & Mary's RV Park	910 Maple St.	307-710-0033	No answer	20 per website
5/25/2016	Albany	Rock River	Don Emerson		307-631-7571	Don	30

***Supplemental Information Obtained from Carbon County Economic Development Corporation 2015***

<b>Date of Call</b>	<b>County</b>	<b>City</b>	<b>RV Park Name</b>	<b>No. of Spots/Pads</b>
n/a	Carbon	Medicine Bow	Virginian Camp	8
n/a	Carbon	Medicine Bow	Charlie George RV	24
n/a	Carbon	Medicine Bow	Maddox RV sites	8
n/a	Carbon	Medicine Bow	Harry George RV	8
n/a	Carbon	Medicine Bow	Pineview Estates	4

## **Appendix H.3**

### **Impact Assistance**

**From:** Wendy Faldowski [<mailto:rockrivertowntreasurer@union-tel.com>]

**Sent:** Monday, April 11, 2016 1:11 PM

**To:** [paul@im-wind.com](mailto:paul@im-wind.com)

**Subject:** Impact Assistance

Attached you will find out Impact Assistance List. Any questions or concerns please feel free to contact me.

Thanks

Wendy Faldowski  
Town Treasurer  
Town of Rock River  
307-378-2386

ROCK RIVER

ROADS

Improvements

Morris St Project      \$ 500,000.00  
Landfill Road  
Road Base

Grader                      \$ 250,000.00  
Skid Steer                 \$ 100,000.00  
Brush Hog                \$ 1,500.00

WATER

Transmission Line      \$ 1,250,000.00  
WTP Filter Replacement      \$ 150,000.00  
Mini Excavator            \$ 100,000.00  
Leak Detector             \$ 10,000.00  
Bulk Water Station        \$ 21,900.00  
Water Buffalo Box        \$ 19,200.00

FIRE DEPARTMENT

Emergency Management

Radio's & Equipment    \$ 80,000.00  
Jaws of Life                \$ 30,000.00  
PPE (Personal Protective Equip)      \$ 100,000.00  
Fire/EMS UTV             \$ 50,000.00  
Station Heat (Propane upgrade)      \$ 50,000.00

GENERAL FUND

Water, Sewer & Trash      \$ 183,600.00  
Equipment Repairs & Shed      \$ 220,000.00  
Landfill - Dump Truck & Trailer      \$ 75,000.00  
Park - Lawn Mower, Restroom      \$ 150,000.00

\$ 3,341,200.00



**Town of Medicine Bow**  
**P.O. Box 156**  
**Medicine Bow, WY 82329-0156**

Phone: 307-379-2225  
Fax 307-379-2210  
[medbowtown@gmail.com](mailto:medbowtown@gmail.com)

August 6, 2017

To Whom It May Concern:

The Town of Medicine Bow would like to apply for impact assistance from your Boswell Springs wind project. The Town is a very small town of around 300 residents, most of whom are on fixed or limited incomes. The road and streets going to the project, the school, school parking lot(lots), and especially the streets on the east side of town where the water treatment plant and bulk water station are located are in dire need of being chip-sealed. It gets really muddy in summer when it rains hard and in winter when snow melts when you are having to get over there for water for the various project needs. The Town of Medicine Bow does not currently have a police department nor a code enforcer, and we really need one or the other with the several new projects coming into our town and the area; however, we can't afford to start one up again. If we had one in place, the Town could get a grant that would pay the officers (we would need a minimum of 2) for a three-year period; during that period, we should be able to generate the needed revenue to continue to pay them for an additional two years, and so on. We also need a water truck for our volunteer fire department; at least 2 backup generators for the fire hall and community hall in case of power outages, not to mention any sort of disaster—flooding, extended power loss, which is a grave concern for our residents on 24 hour oxygen use; at least 2 fire hydrant monitors; replacement windows in the downstairs portion of the community hall to keep out the cold and the dust that is forever blowing in—in case we should have to use it for temporary housing in an emergency situation; a PA system for the community hall/fire department use for various circumstances...the list goes on and on.

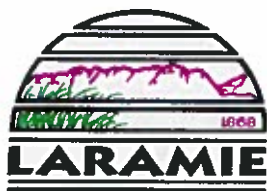
A \$3,000,000 distribution of impact assistance will go a long way in upgrading the infrastructure, maybe adding some playground equipment to our park, and providing a walking trail around the park which would be good for everyone. With the additional people coming and going from the area, utilization of the red school once again, upcoming construction, the turbines, electric lines, additional wear and tear on what is

already here, the Town will need quite a bit of help maintaining what we have, not to mention improving it in the process.

Thank you for the opportunity to be included in your project. It is very important to us, and the Town of Medicine Bow is thrilled that you will be here for some time to come.

Respectfully,

Alice Clark,  
Deputy Clerk/Treasurer



## City of Laramie

City Manager's Office  
P.O. Box C  
Laramie, WY 82073

(307) 721-5226  
FAX (307) 721-5211  
TDD (307) 721-5295

June 17, 2016

Intermountain Wind, LLC  
Mr. Paul Martin, President  
PO Box 353  
Boulder, CO 80306-0353

RE: Boswell Springs Wind Project

Dear Mr. Martin:

This letter follows up our conference call on June 7, 2016 regarding the Boswell Springs Wind Project planned in Albany County, Wyoming. On behalf of the City's Leadership Team, I want to express our sincere appreciation for your time on the call explaining the project and answering our questions.

Based on our understanding of the project at this stage of the Industrial Siting process, it appears the impact to the City of Laramie will be minimal and most likely efficiently absorbed within currently existing infrastructure and through services available in the community. We do want to note possible areas of impact and will monitor developments through the Industrial Siting process and participate as needed.

Regarding housing for construction workers, noting that the anticipated impact to Laramie is approximately 160-170 individuals at any one time, the City is currently evaluating modification to the Manufactured Home Community standards and considering allowing recreational vehicles to occupy spaces within manufactured home communities which may allow for more housing opportunities for workers. Ordinance amendments are expected to be complete within 3 months. This may be of assistance to those seeking locations in which to reside when construction begins.

As we discussed on our call, the project location is not in the primary response area of the Laramie Fire Department for fire suppression services. However, the Laramie Fire Department operates the ambulance in Laramie and would likely be the first responder when necessary. As the number of calls to site is difficult to estimate, there may be an impact that could be addressed in the future if needed.

For waste disposal, the City operates the landfill in Albany County. Recently, upgrades were completed to include a lined cell as required by the permit issued to the City by the Wyoming Department of Environmental Quality. As there is no guarantee that private haulers will use the Laramie landfill, it is unclear if there will be impact to the site. Anticipating that there will be minimal waste from the project, it is likely that the landfill site will sufficiently accommodate all waste delivered.

June 17, 2016

In conclusion, it appears that minimal impacts will occur to the City of Laramie as a result of the construction and operation of this project and does not anticipate financial impact assistance. The City looks forward to working with Intermountain Wind, LLC in a mutually beneficial relationship as the project progresses from start to completion. We appreciate the advance communication and manner in which the company reached out engage us in dialogue regarding the project.

Do not hesitate to contact us if any additional information is needed. We look forward to successful completion of the Boswell Springs Wind Project.

Sincerely,



Janine Jordan  
City Manager



**From:** David C. Gertsch [<mailto:DGertsch@co.albany.wy.us>]  
**Sent:** Monday, August 7, 2017 5:28 PM  
**To:** Jenifer Scoggin <[JScoggin@hollandhart.com](mailto:JScoggin@hollandhart.com)>  
**Cc:** [kimber.wichmann@wyo.gov](mailto:kimber.wichmann@wyo.gov)  
**Subject:** Boswell Springs Wind Project Impacts

Jennifer,

I was contacted by Kimber Wickman at the Wyoming Industrial Siting Council about potential impacts from the Boswell Springs Wind Project. I have attached a letter dated June 17, 2016 from the City of Laramie. This letter was based on information that was discussed with the City of Laramie over a year ago. I do not know if modifications were made to any of the information on the project provided previously or if the City was contacted by you since this time.

As for possible impacts to Albany County, I will provide you a general list on such short notice. These include the following:

- May require additional Sheriff's deputies in the area during construction.
- County roads will be impacted by large heavy loads. A road construction and maintenance agreement is required by the County, but has not been completed.
- An increase in land use violations is possible. Man camps are not allowed in the unincorporated areas of the County.
- The Fire Warden duties may be impacted.

Unfortunately, these impacts are very general and will need to be discussed more by the County Management Team to be more specific.

One thing to note is that the impacts may be more severe if the future transmission line project associated with this project is built at the same time. We have not been provided any information on that project other than a preliminary map. If you have any questions please let me know.

Thanks,

David C. Gertsch, AICP  
Planning Director, Albany County  
Office (307)721-2568  
Direct (307)721-1866  
1002 South Third Street  
Laramie, WY 82070  
[www.co.albany.wy.us/planning.aspx](http://www.co.albany.wy.us/planning.aspx)