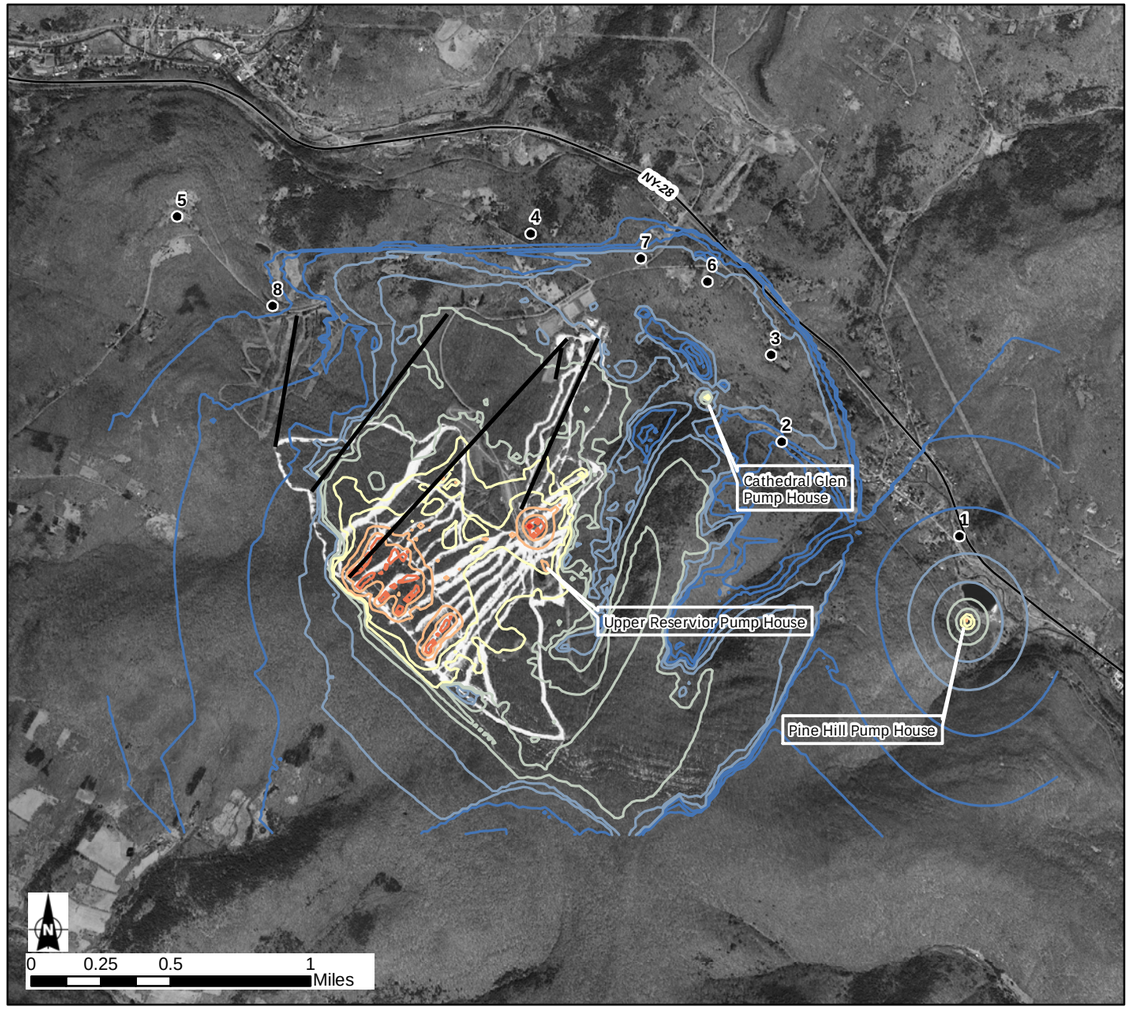
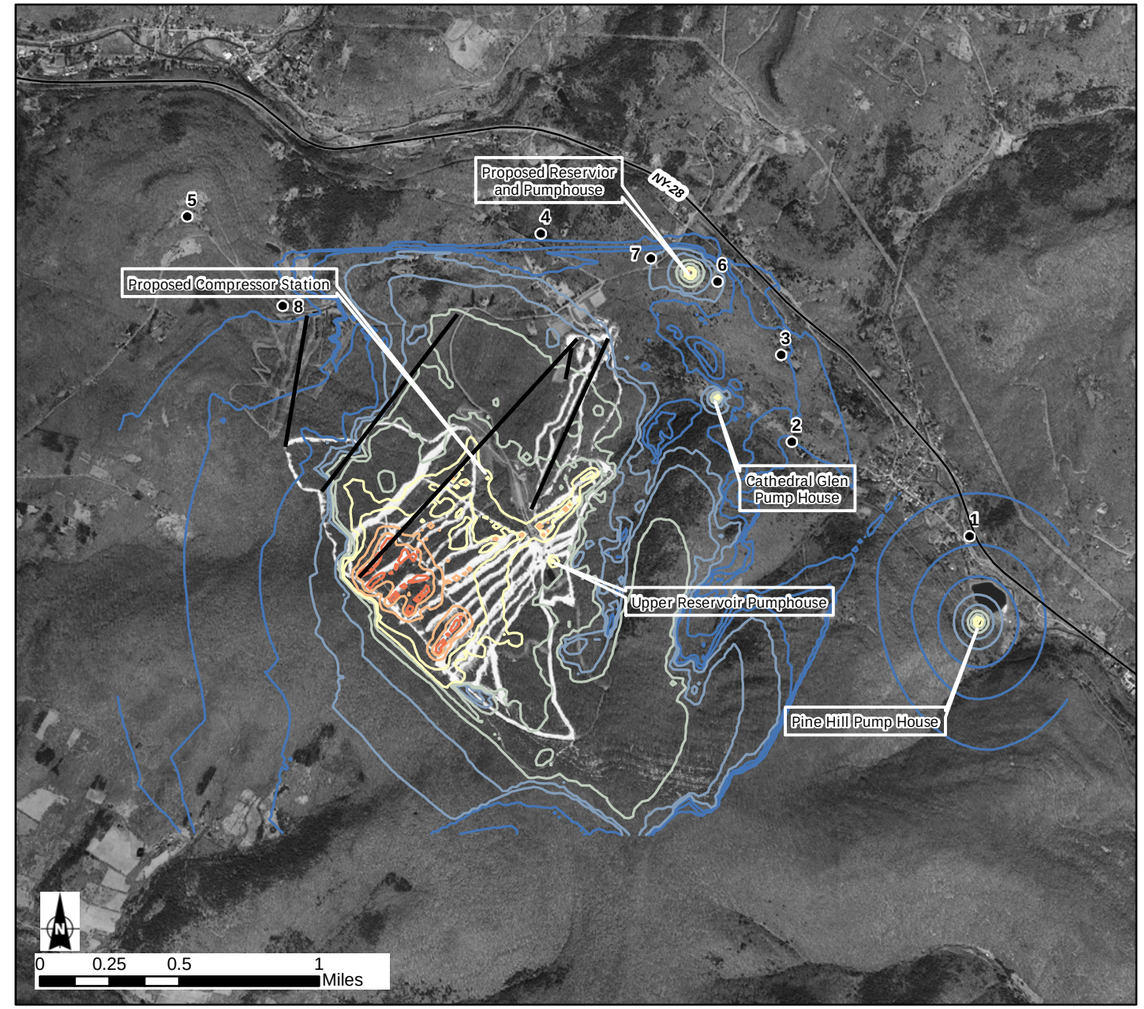


NOISE LEVELS FOR EXISTING OPERATIONS DURING PHASE 3 SNOWMAKING

- Sensitive Receptors
- Proposed Ski Lift (July, 2009)

Noise Level

- 30 - 40 dB
- 40 - 50 dB
- 50 - 60 dB
- 60 - 70 dB
- 70 - 80 dB
- 80 - 90 dB
- 90 - 100 dB



NOISE LEVELS FOR FUTURE OPERATIONS DURING PHASE 3 SNOWMAKING

- Sensitive Receptors
- Proposed Ski Lift (July, 2009)

Noise Level

- 30 - 40 dB
- 40 - 50 dB
- 50 - 60 dB
- 60 - 70 dB
- 70 - 80 dB
- 80 - 90 dB
- 90 - 100 dB

Belleayre Mountain Ski Center
Catskill State Park

Project Area, USGS 1:24,000 Topographic Imagery

Sensitive Receptor Sites

#	Name
1	Alder Lane Residential Area
2	Bonnie View Avenue Residential Area
3	Van Loan Road Residential Area
4	Green Hill Road Residential Area
5	654 Galli Curci Road
6	Old Schoolhouse Road
7	Lower Galli Curci Road Residence
8	Route 49A Opposite Highmount

Data Source: ESRI 2008; E&E, Inc. 2009; NYS Orthoimagery Program 2004; NYSDEC noise inputs, February 2011.

Title: Figure 4.10-4 Belleayre Mountain Ski Center Noise Contours - Phase 3

Path: © Ecology & Environment, Inc. GIS Department Project #:001636.NO70.01 Project # L:\Buffalo\BelleayreUMP\Maps\MXDs\NoiseAnalysis\Feb_2011\Phase_3_Noise_Feb2011.mxd 2/24/2011

Date: February 24, 2011

3

Construction Equipment Noise Detail

Year 1 / 2009				
Discovery Lodge				
Construction Equipment	**Quantity**	**Usage Factor %**	**SPL @ 50 Feet (dBA)**	**Adjusted SPL @ 50 Feet (dBA)**
Clearing				
Backhoe	1	40	80	76
Loader	1	40	80	76
Bulldozer	1	40	85	81
Dump Trucks	1	40	84	80
			Total	**85**
Excavation				
Backhoe	1	40	80	76
Loader	1	40	80	76
Bulldozer	1	40	85	81
Dump Trucks	1	40	84	80
			Total	**85**
Foundation				
Concrete Vibrator	2	20	80	76
Portable Air Compressor	1	40	80	76
Dewatering Pumps	2	50	77	77
Welding Machine	2	40	73	72
Concrete Delivery Trucks	3	40	85	86
Dump Trucks	1	40	84	80
Pickup Trucks	3	40	55	56
			Total	**90**
Erection				
Portable Air Compressor	1	40	80	76
Concrete Delivery Trucks	3	40	85	86
Concrete Vibrator	2	20	80	76
Crane	1	16	85	77
Saw	1	20	90	83
pneumatic tool	1	50	85	82
			Total	**89**

Year 2 / 2010				
West Trail Clearing				
Construction Equipment	**Quantity**	**Usage Factor %**	**SPL @ 50 Feet (dBA)**	**Adjusted SPL @ 50 Feet (dBA)**
Case dozer	1	12	85	76
Cat dozer	1	40	85	81
Cat dozer	1	20	85	78
Kobelco Excavator	1	40	85	81
Log skidder	1	80	82	81
Picker truck	1	40	82	78
Eager Beaver chipper	1	80	89	88
Army surplus dump truck 6x6	2	20	84	80
Mulcher - pull behind	1	10	80	70
John Deere loader	1	25	80	74
Chain Saws	4	20	85	84
			Total	**92**
New Reservoir				
Construction Equipment	**Quantity**	**Usage Factor %**	**SPL @ 50 Feet (dBA)**	**Adjusted SPL @ 50 Feet (dBA)**
Clearing				
Log skidder	1	80	82	81
Eager Beaver chipper	1	80	89	88
Kobelco Excavator	1	80	85	84
Chain Saw	3	20	85	83
Picker truck	1	40	82	78
			Total	**91**
Excavation				
Bulldozer	2	40	85	84
Backhoe	1	40	80	76
Excavator	3	40	85	86
Dump Truck	4	20	84	83
			Total	**87**

Year 2 / 2010				
Upper Parking lots				
Construction Equipment	**Quantity**	**Usage Factor %**	**SPL @ 50 Feet (dBA)**	**Adjusted SPL @ 50 Feet (dBA)**
Clearing				
Log skidder	2	80	82	84
Eager Beaver chipper	1	80	89	88
Kobelco Excavator	3	40	85	86
Chain Saw	4	20	85	84
Picker truck	1	40	82	78
			Total	**92**
Paving				
Bulldozer	1	40	85	81
Grader	1	40	85	81
Pickup Trucks	2	40	55	54
Aggregate Dump Trucks	4	40	84	86
Paving Delivery Trucks	4	40	84	86
Aggregate Spreader	1	40	78	74
Asphalt Paving Machine	1	50	85	82
			Total	**92**

Year 2 / 2010				
Lower Parking lots				
Construction Equipment	**Quantity**	**Usage Factor %**	**SPL @ 50 Feet (dBA)**	**Adjusted SPL @ 50 Feet (dBA)**
Clearing				
Log skidder	2	80	82	84
Eager Beaver chipper	1	80	89	88
Kobelco Excavator	3	40	85	86
Chain Saw	4	20	85	84
Picker truck	1	40	82	78
			Total	**92**
Paving				
Bulldozer	1	40	85	81
Grader	1	40	85	81
Pickup Trucks	2	40	55	54
Aggregate Dump Trucks	4	40	84	86
Paving Delivery Trucks	4	40	84	86
Aggregate Spreader	1	40	78	74
Asphalt Paving Machine	1	50	85	82
			Total	**92**

Year 2 / 2011				
Deer Run Trail				
Construction Equipment	**Quantity**	**Usage Factor %**	**SPL @ 50 Feet (dBA)**	**Adjusted SPL @ 50 Feet (dBA)**
Case dozer	1	12	85	76
Cat dozer	1	40	85	81
Cat dozer	1	20	85	78
Kobelco Excavator	1	40	85	81
Log skidder	1	80	82	81
Picker truck	1	40	82	78
Eager Beaver chipper	1	80	89	88
Army surplus dump truck 6x6	2	20	84	80
Mulcher - pull behind	1	10	80	70
John Deere loader	1	25	80	74
Chain Saws	4	20	85	84
			Total	**92**

4 Snowmaking Equipment by Phase

Phase1 Existing Receiver Noise Levels

Name	ID	Level Lr Day (dBA)	Night (dBA)	SigmaD (dBA)	Noise Type	Height (m)	Coordinates X (m)	Y (m)	Z (m)
Alder Lane Residential Area	1	32.3	32.3	2	Total	1.5	543255.2	4664206	1530.03
Bonnie View Avenue Residential Area	2	27.8	27.8	1.7	Total	1.5	542348.6	4664853	1644.52
Van Loan Road Residential Area	3	45.1	45.1	1.8	Total	1.5	542238.8	4665381	1828.21
Green Hill Road Residential Area	4	41.4	41.4	1.2	Total	1.5	540998	4666108	1914.77
654 Gali Curci Road (Route 49A)	5	24.3	24.3	2	Total	1.5	538817	4666209	2075.72
Old Schoolhouse Road	6	47.7	47.7	1.3	Total	1.5	541873.2	4665862	1933.04
Lower Galli Curci Road	7	49.9	49.9	1.1	Total	1.5	541530.1	4666001	1945.82
Rt. 49 Opposite Highmount	8	42.2	42.2	2.1	Total	1.5	539380	4665692	2249.88
Big Indian Boundary		49.3	49.3	1	Total	1.5	541760.5	4664250	2259.16
CR49 (W-4)		45.1	45.1	2.3	Total	1.5	539522.6	4665739	2248.48
CR49 (W-5)		50	50	1.1	Total	1.5	539667.5	4665819	2250.06
CR49 (W-2)		27.4	27.4	1.3	Total	1.5	538892.7	4666202	2074.09

Phase1 Future Receiver Noise Levels

Name	ID	Level Lr Day (dBA)	Night (dBA)	SigmaD (dBA)	Noise Type	Height (m)	Coordinates X (m)	Y (m)	Z (m)
Alder Lane Residential Area	1	32.2	32.2	2	Total	1.5	543255.2	4664206	1530.03
Bonnie View Avenue Residential Area	2	25.2	25.2	1.9	Total	1.5	542348.6	4664853	1644.52
Van Loan Road Residential Area	3	37	37	3.5	Total	1.5	542238.8	4665381	1828.21
Green Hill Road Residential Area	4	29.3	29.3	0.9	Total	1.5	540998	4666108	1914.77
654 Galli Curci Road (Route 49A)	5	26.3	26.3	1.7	Total	1.5	538838.9	4666121	2180.14
Old Schoolhouse Road	6	43	43	1.3	Total	1.5	541873.2	4665862	1933.04
Lower Galli Curci Road	7	42.5	42.5	1.2	Total	1.5	541530.1	4666001	1945.82
Rt. 49A Opposite Highmount	8	41.3	41.3	2.7	Total	1.5	539380	4665692	2249.88
Big Indian Boundary		35.8	35.8	2.7	Total	1.5	541760.5	4664250	2259.16
CR49 (W-4)		44.4	44.4	2.8	Total	1.5	539522.6	4665739	2248.48
CR49 (W-5)		45.9	45.9	2.3	Total	1.5	539667.5	4665819	2250.06

Phase2 Existing Receiver Noise Levels

Name	ID	Level Lr Day (dBA)	Night (dBA)	SigmaD (dBA)	Noise Type	Height (m)	Coordinates X (m)	Y (m)	Z (m)
Alder Lane Residential Area	1	42.7	42.7	2.1	Total	1.5	543255.2	4664206	1530.03
Bonnie View Avenue Residential Area	2	32.3	32.3	1.2	Total	1.5	542348.6	4664853	1644.52
Van Loan Road Residential Area	3	45.1	45.1	1.7	Total	1.5	542238.8	4665381	1828.21
Green Hill Road Residential Area	4	24.6	24.6	1.7	Total	1.5	540998	4666108	1914.77
654 Galli Curci Road (Route 49A)	5	0	0	0	Total	1.5	538817	4666209	2075.72
Old Schoolhouse Road	6	44.7	44.7	1.7	Total	1.5	541873.2	4665862	1933.04
Lower Galli Curci Road	7	45	45	1.6	Total	1.5	541530.1	4666001	1945.82
Rt. 49A Opposite Highmount	8	8.7	8.7	1.3	Total	1.5	539380	4665692	2249.88
Big Indian Boundary		52.8	52.8	0.8	Total	1.5	541760.5	4664250	2259.16
CR49 (W-4)		11.6	11.6	1	Total	1.5	539522.6	4665739	2248.48
CR49 (W-5)		19.1	19.1	2.6	Total	1.5	539667.5	4665819	2250.06
CR49 (W-2)		0	0	0	Total	1.5	538892.7	4666202	2074.09

Phase2 Future Receiver Noise Levels

Name	ID	Level Lr Day (dBA)	Night (dBA)	SigmaD (dBA)	Noise Type	Height (m)	Coordinates X (m)	Y (m)	Z (m)
Alder Lane Residential Area	1	32.2	32.2	2	Total	1.5	543255.2	4664206	1530.03
Bonnie View Avenue Residential Area	2	34	34	1.8	Total	1.5	542348.6	4664853	1644.52
Van Loan Road Residential Area	3	45.2	45.2	1.7	Total	1.5	542238.8	4665381	1828.21
Green Hill Road Residential Area	4	27.3	27.3	1.5	Total	1.5	540998	4666108	1914.77
654 Galli Curci Road (Route 49A)	5	0	0	0	Total	1.5	538838.9	4666121	2180.14
Old Schoolhouse Road	6	46.9	46.9	1.2	Total	1.5	541873.2	4665862	1933.04
Lower Galli Curci Road	7	45.8	45.8	1.4	Total	1.5	541530.1	4666001	1945.82
Rt. 49A Opposite Highmount	8	9.4	9.4	1.1	Total	1.5	539380	4665692	2249.88
Big Indian Boundary		53.2	53.2	0.8	Total	1.5	541760.5	4664250	2259.16
CR49 (W-4)		11.2	11.2	0.9	Total	1.5	539522.6	4665739	2248.48
CR49 (W-5)		19.1	19.1	2.6	Total	1.5	539667.5	4665819	2250.06

Phase3 Existing Receiver Noise Levels

Name	ID	Level Lr Day (dBA)	Night (dBA)	SigmaD (dBA)	Noise Type	Height (m)	Coordinates X (m)	Y (m)	Z (m)
Alder Lane Residential Area	1	41	41	2	Total	1.5	543255.2	4664206	1530.03
Bonnie View Avenue Residential Area	2	26	26	1.9	Total	1.5	542348.6	4664853	1644.52
Van Loan Road Residential Area	3	43.6	43.6	2.2	Total	1.5	542238.8	4665381	1828.21
Green Hill Road Residential Area	4	26	26	1.3	Total	1.5	540998	4666108	1914.77
654 Galli Curci Road (Route 49A)	5	0	0	0	Total	1.5	538817	4666209	2075.72
Old Schoolhouse Road	6	43.2	43.2	2.2	Total	1.5	541873.2	4665862	1933.04
Lower Galli Curci Road	7	43.7	43.7	2.1	Total	1.5	541530.1	4666001	1945.82
Rt. 49A Opposite Highmount	8	28.6	28.6	1.2	Total	1.5	539380	4665692	2249.88
Big Indian Boundary		49.4	49.4	1.1	Total	1.5	541760.5	4664250	2259.16
CR49 (W-4)		30.6	30.6	1.4	Total	1.5	539522.6	4665739	2248.48
CR49 (W-5)		42.7	42.7	2	Total	1.5	539667.5	4665819	2250.06

Phase3 Future Receiver Noise Levels

Name	ID	Level Lr Day (dBA)	Night (dBA)	SigmaD (dBA)	Noise Type	Height (m)	Coordinates X (m)	Y (m)	Z (m)
Alder Lane Residential Area	1	32.2	32.2	2	Total	1.5	543255.2	4664206	1530.03
Bonnie View Avenue Residential Area	2	24.7	24.7	2.2	Total	1.5	542348.6	4664853	1644.52
Van Loan Road Residential Area	3	30.8	30.8	1.2	Total	1.5	542238.8	4665381	1828.21
Green Hill Road Residential Area	4	26.4	26.4	1.5	Total	1.5	540998	4666108	1914.77
654 Galli Curci Road (Route 49A)	5	0	0	0	Total	1.5	538838.9	4666121	2180.14
Old Schoolhouse Road	6	43.2	43.2	1.5	Total	1.5	541873.2	4665862	1933.04
Lower Galli Curci Road	7	39.8	39.8	1.5	Total	1.5	541530.1	4666001	1945.82
Rt. 49A Opposite Highmount	8	28	28	1.3	Total	1.5	539380	4665692	2249.88
Big Indian Boundary		48.7	48.7	1.2	Total	1.5	541760.5	4664250	2259.16
CR49 (W-4)		29.9	29.9	1.5	Total	1.5	539522.6	4665739	2248.48
CR49 (W-5)		42.7	42.7	2	Total	1.5	539667.5	4665819	2250.06

Phase4 Existing Receiver Noise Levels

Name	ID	Level Lr Day (dBA)	Night (dBA)	SigmaD (dBA)	Noise Type	Height (m)	Coordinates X (m)	Y (m)	Z (m)
Alder Lane Residential Area	1	41	41	2	Total	1.5	543255.2	4664206	1530.03
Bonnie View Avenue Residential Area	2	30.3	30.3	1.3	Total	1.5	542348.6	4664853	1644.52
Van Loan Road Residential Area	3	47.5	47.5	1.4	Total	1.5	542238.8	4665381	1828.21
Green Hill Road Residential Area	4	26.4	26.4	1.6	Total	1.5	540998	4666108	1914.77
654 Galli Curci Road (Route 49A)	5	0	0	0	Total	1.5	538817	4666209	2075.72
Old Schoolhouse Road	6	46.5	46.5	1.6	Total	1.5	541873.2	4665862	1933.04
Lower Galli Curci Road	7	46.8	46.8	1.5	Total	1.5	541530.1	4666001	1945.82
Rt. 49 Opposite Highmount	8	21.3	21.3	2.6	Total	1.5	539380	4665692	2249.88
Big Indian Boundary		47.1	47.1	1.3	Total	1.5	541760.5	4664250	2259.16
CR49 (W-4)		21.9	21.9	2.6	Total	1.5	539522.6	4665739	2248.48
CR49 (W-5)		25.8	25.8	1.5	Total	1.5	539667.5	4665819	2250.06

Phase4 Future Receiver Noise Levels

Name	ID	Level Lr Day (dBA)	Night (dBA)	SigmaD (dBA)	Noise Type	Height (m)	Coordinates X (m)	Y (m)	Z (m)
Alder Lane Residential Area	1	33.9	33.9	2.2	Total	1.5	543255.2	4664206	1530.03
Bonnie View Avenue Residential Area	2	30.8	30.8	1.2	Total	1.5	542348.6	4664853	1644.52
Van Loan Road Residential Area	3	47.5	47.5	1.4	Total	1.5	542238.8	4665381	1828.21
Green Hill Road Residential Area	4	29.7	29.7	1	Total	1.5	540998	4666108	1914.77
654 Galli Curci Road (Route 49A)	5	18.1	18.1	1.1	Total	1.5	538838.9	4666121	2180.14
Old Schoolhouse Road	6	48.1	48.1	1.2	Total	1.5	541873.2	4665862	1933.04
Lower Galli Curci Road	7	47.5	47.5	1.3	Total	1.5	541530.1	4666001	1945.82
Rt. 49A Opposite Highmount	8	34.7	34.7	1.5	Total	1.5	539380	4665692	2249.88
Big Indian Boundary		47.1	47.1	1.3	Total	1.5	541760.5	4664250	2259.16
CR49 (W-4)		36.7	36.7	1	Total	1.5	539522.6	4665739	2248.48
CR49 (W-3)		40.7	40.7	0.7	Total	1.5	539667.5	4665819	2250.06

Phase5 Existing Receiver Noise Levels (Based on Phase1 Existing)

Name	ID	Level Lr Day (dBA)	Night (dBA)	SigmaD (dBA)	Noise Type	Height (m)	Coordinates X (m)	Y (m)	Z (m)
Alder Lane Residential Area	1	32.3	32.3	2	Total	1.5	543255.2	4664206	1530.03
Bonnie View Avenue Residential Area	2	27.8	27.8	1.7	Total	1.5	542348.6	4664853	1644.52
Van Loan Road Residential Area	3	45.1	45.1	1.8	Total	1.5	542238.8	4665381	1828.21
Green Hill Road Residential Area	4	41.4	41.4	1.2	Total	1.5	540998	4666108	1914.77
654 Galli Curci Road (Route 49A)	5	24.3	24.3	2	Total	1.5	538838.9	4666121	2180.14
Old Schoolhouse Road	6	47.7	47.7	1.3	Total	1.5	541873.2	4665862	1933.04
Lower Galli Curci Road	7	49.9	49.9	1.1	Total	1.5	541530.1	4666001	1945.82
Rt 49 Opp Highmount (W-3)	8	42.2	42.2	2.1	Total	1.5	539380	4665692	2249.88
Big Indian Boundary		49.3	49.3	1	Total	1.5	541760.5	4664250	2259.16

Phase5 Future Receiver Noise Levels

Name	ID	Level Lr Day (dBA)	Night (dBA)	SigmaD (dBA)	Noise Type	Height (m)	Coordinates X (m)	Y (m)	Z (m)
Alder Lane Residential Area	1	32.2	32.2	2	Total	1.5	543255.2	4664206	1530.03
Bonnie View Avenue Residential Area	2	24.4	24.4	2.3	Total	1.5	542348.6	4664853	1644.52
Van Loan Road Residential Area	3	27.8	27.8	2	Total	1.5	542238.8	4665381	1828.21
Green Hill Road Residential Area	4	25.6	25.6	1.7	Total	1.5	540998	4666108	1914.77
654 Galli Curci Road (Route 49A)	5	18.3	18.3	0.6	Total	1.5	538838.9	4666121	2180.14
Old Schoolhouse Road	6	43	43	1.6	Total	1.5	541873.2	4665862	1933.04
Lower Galli Curci Road	7	38.9	38.9	1.8	Total	1.5	541530.1	4666001	1945.82
Rt. 49A Opposite Highmount	8	52.2	52.2	0.7	Total	1.5	539380	4665692	2249.88
Big Indian Boundary		20.8	20.8	2.1	Total	1.5	541760.5	4664250	2259.16
CR49 (W-4)		51.8	51.8	0.7	Total	1.5	539522.6	4665739	2248.48
CR49 (W-5)		47.6	47.6	0.7	Total	1.5	539667.5	4665819	2250.06

5 Noise Modeling Results

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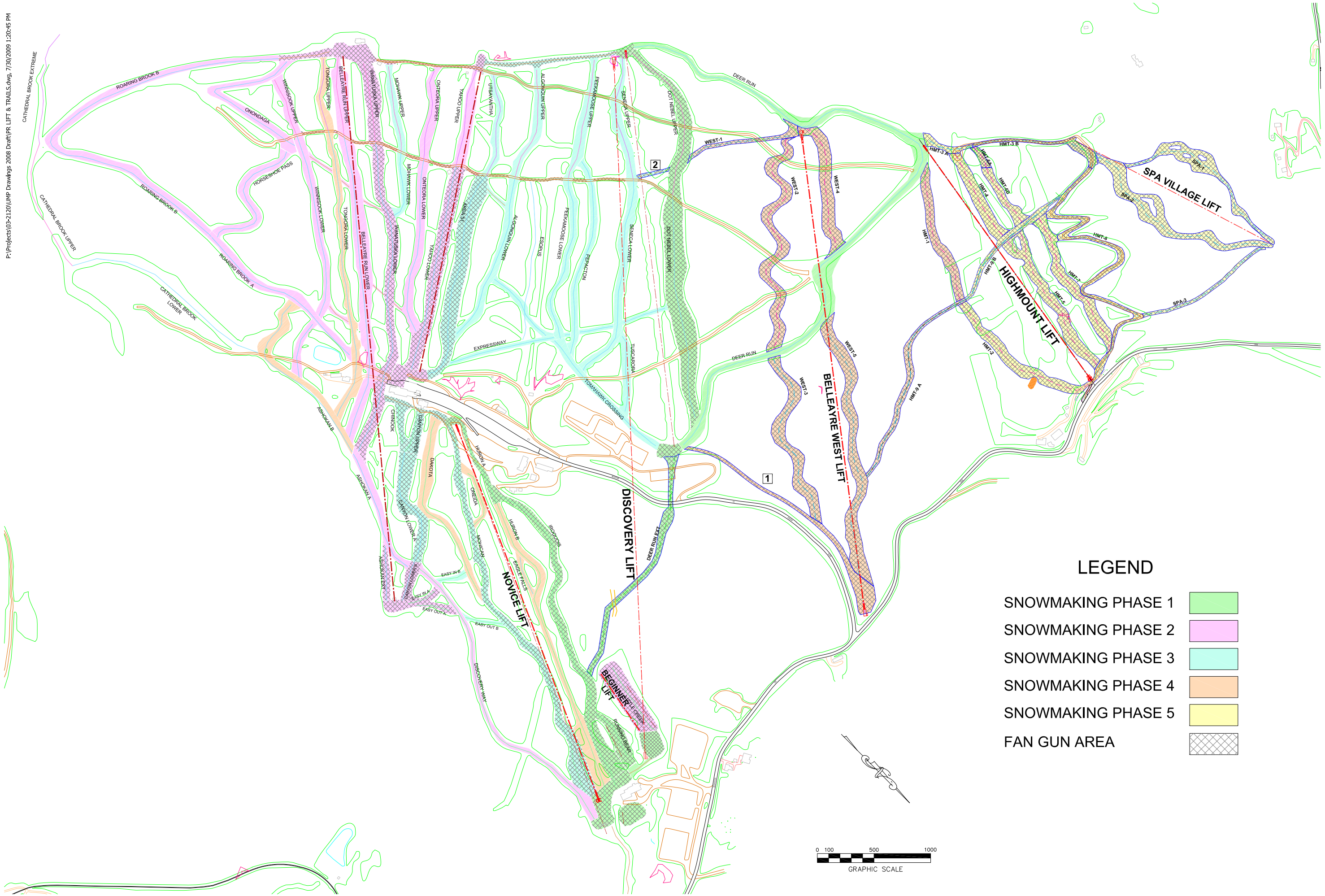

NYS Department of Environmental Conservation
Bureau of Design & Construction

Belleayre Mtn.Ski Center UMP
Proposed Snowmaking Phasing Plan
JULY 29, 2009

SM1

SNOWMAKING PHASE 1

UPPER WATER SYSTEM (GPM) =	5932
LOWER WATER SYSTEM (GPM) =	3004
AIR SYSTEM (CFM):	34030
UPPER WATER SYSTEM VOL (MG)	6.6
LOWER WATER SYSTEM VOL (MG)	4.3
TOTAL PHASE WATER VOL (MG)	10.9
SNOWMAKING AREA (AC)	34.1
ON PEAK DEMAND (KW)	11780.1
OFF PEAK DEMAND (KW)	0.0
PHASE ENERGY USE COST	$39,317

SNOW GIANT HIGH E	83
SKY GIANT LOW E	0
HKD SV10 LOW E	0
SUPER POLECAT	40
STD POLECAT	110
KID POLECAT	8

WATER PUMPING (KWH)	72608
STATIONARY AIR (KWH)	119649
POLECAT (KWH)	53474
TOTAL (KWH)	245732

SELECT TRAIL NAME FROM LIST — Dot Nebel Upper

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK
TRAIL LENGTH (FT)	1441
TRAIL AREA (SF)	130534
ENTER PHASE SNOW DEPTH (FT)	1.5
ENTER TEMPERATURE (DEGREES F)	24 (between 8 and 26 degrees)
WATER VOL. REQ'D (MG)	1.0

GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	28	18	27	56	38	24
IND. GUN AIR FLOW RATE (CFM)	410	55	100	0	0	0
ENTER GUN SPACING (FT)	0	0	0	0	50	0
# OF GUNS	0	0	0	0	29	0
TOTAL GUN WATER USAGE (GPM)	0	0	0	0	1102	0
TOTAL GUN AIR USAGE (CFM)	0	0	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
	UPPER	1.0	POLECAT (KW)	0	435	0

TOTAL TRAIL WATER FLOW (GPM)	1102
TRAIL WATER PUMPING (KW)	551
TRAIL WATER PUMPING (KWH)	7939
TRAIL PUMPING COST	$1,259
TOTAL TRAIL WATER VOLUME (MG)	1.0
TOTAL TRAIL AIR FLOW (CFM)	0
TRAIL AIR (KW)	0
TRAIL AIR (KWH)	0
TRAIL AIR COST	$0
TOTAL TRAIL AIR VOLUME (MCF)	0.0
TRAIL POLECAT (KW)	435
TRAIL POLECAT (KWH)	5395
TRAIL POLECAT COST	$1,012
TIME TO COMPLETE (HRS)	14.4

TRAIL ON PEAK DEMAND (KW) =	986
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$2,271
DEMAND CHARGE =	$7,395
ENERGY TOTAL COST =	$9,666

SELECT TRAIL NAME FROM LIST — Dot Nebel Lower

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK
TRAIL LENGTH (FT)	1979
TRAIL AREA (SF)	302953
ENTER PHASE SNOW DEPTH (FT)	1.5
ENTER TEMPERATURE (DEGREES F)	24 (between 8 and 26 degrees)
WATER VOL. REQ'D (MG)	2.2

GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	28	18	27	56	38	24
IND. GUN AIR FLOW RATE (CFM)	410	55	100	0	0	0
ENTER GUN SPACING (FT)	0	0	0	50	0	0
# OF GUNS	0	0	0	40	0	0
TOTAL GUN WATER USAGE (GPM)	0	0	0	2240	0	0
TOTAL GUN AIR USAGE (CFM)	0	0	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
	UPPER	2.2	POLECAT (KW)	1060	0	0

TOTAL TRAIL WATER FLOW (GPM)	2240
TRAIL WATER PUMPING (KW)	1120
TRAIL WATER PUMPING (KWH)	16147
TRAIL PUMPING COST	$2,947
TOTAL TRAIL WATER VOLUME (MG)	2.2
TOTAL TRAIL AIR FLOW (CFM)	0
TRAIL AIR (KW)	0
TRAIL AIR (KWH)	0
TRAIL AIR COST	$0
TOTAL TRAIL AIR VOLUME (MCF)	0.0
TRAIL POLECAT (KW)	1060
TRAIL POLECAT (KWH)	12730
TRAIL POLECAT COST	$2,324
TIME TO COMPLETE (HRS)	16.4

TRAIL ON PEAK DEMAND (KW) =	2180
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$5,735
DEMAND CHARGE =	$16,350
ENERGY TOTAL COST =	$22,085

SELECT TRAIL NAME FROM LIST — AREA 5 - Base Lift 8

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK						
TRAIL LENGTH (FT)		100					
TRAIL AREA (SF)		21090					
ENTER PHASE SNOW DEPTH (FT)		1.5					
ENTER TEMPERATURE (DEGREES F)		24 (between 8 and 26 degrees)					
WATER VOL. REQ'D (MG)		0.2					
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)		28	18	27	56	38	24
IND. GUN AIR FLOW RATE (CFM)		410	55	100	0	0	0
ENTER GUN SPACING (FT)		0	0	0	0	30	0
# OF GUNS		0	0	0	0	4	0
TOTAL GUN WATER USAGE (GPM)		0	0	0	0	152	0
TOTAL GUN AIR USAGE (CFM)		0	0	0	0	0	0
				POLECAT (KW/UNIT)	26.5	15	9.375
TOTAL TRAIL WATER FLOW (GPM)	152	UPPER	0.2	POLECAT (KW)	0	60	0
TRAIL WATER PUMPING (KW)	76						
TRAIL WATER PUMPING (KWH)	1793						
TRAIL PUMPING COST	$205						
TOTAL TRAIL WATER VOLUME (MG)	0.2						
TOTAL TRAIL AIR FLOW (CFM)	0						
TRAIL AIR (KW)	0						
TRAIL AIR (KWH)	0						
TRAIL AIR COST	$0						
TOTAL TRAIL AIR VOLUME (MCF)	0.0						
TRAIL POLECAT (KW)	60						
TRAIL POLECAT (KWH)	1013						
TRAIL POLECAT COST	$116						
TIME TO COMPLETE (HRS)	16.9						

TRAIL ON PEAK DEMAND (KW) =	136
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	**$367**
DEMAND CHARGE =	**$1,020**
ENERGY TOTAL COST =	**$1,387**

SELECT TRAIL NAME FROM LIST — AREA 1 - Top Lift 8

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK						
TRAIL LENGTH (FT)		100					
TRAIL AREA (SF)		13189					
ENTER PHASE SNOW DEPTH (FT)		1.5					
ENTER TEMPERATURE (DEGREES F)		24 (between 8 and 26 degrees)					
WATER VOL. REQ'D (MG)		0.1					
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)		28	18	27	56	38	24
IND. GUN AIR FLOW RATE (CFM)		410	55	100	0	0	0
ENTER GUN SPACING (FT)		0	0	0	0	40	0
# OF GUNS		0	0	0	0	3	0
TOTAL GUN WATER USAGE (GPM)		0	0	0	0	114	0
TOTAL GUN AIR USAGE (CFM)		0	0	0	0	0	0
				POLECAT (KW/UNIT)	26.5	15	9.375
TOTAL TRAIL WATER FLOW (GPM)	114	UPPER	0.1	POLECAT (KW)	0	45	0
TRAIL WATER PUMPING (KW)	57						
TRAIL WATER PUMPING (KWH)	893						
TRAIL PUMPING COST	$102						
TOTAL TRAIL WATER VOLUME (MG)	0.1						
TOTAL TRAIL AIR FLOW (CFM)	0						
TRAIL AIR (KW)	0						
TRAIL AIR (KWH)	0						
TRAIL AIR COST	$0						
TOTAL TRAIL AIR VOLUME (MCF)	0.0						
TRAIL POLECAT (KW)	45						
TRAIL POLECAT (KWH)	668						
TRAIL POLECAT COST	$102						
TIME TO COMPLETE (HRS)	14.2						

TRAIL ON PEAK DEMAND (KW) =	102
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	**$231**
DEMAND CHARGE =	**$765**
ENERGY TOTAL COST =	**$996**

SELECT TRAIL NAME FROM LIST — Deer Run

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK						
TRAIL LENGTH (FT)		6603					
TRAIL AREA (SF)		433385					
ENTER PHASE SNOW DEPTH (FT)		1.5					
ENTER TEMPERATURE (DEGREES F)		24 (between 8 and 26 degrees)					
WATER VOL. REQ'D (MG)		3.2					
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)		28	18	27	56	38	24
IND. GUN AIR FLOW RATE (CFM)		410	55	100	0	0	0
ENTER GUN SPACING (FT)		80	0	0	0	0	0
# OF GUNS		83	0	0	0	0	0
TOTAL GUN WATER USAGE (GPM)		2324	0	0	0	0	0
TOTAL GUN AIR USAGE (CFM)		34030	0	0	0	0	0
				POLECAT (KW/UNIT)	26.5	15	9.375
TOTAL TRAIL WATER FLOW (GPM)	2324	UPPER	3.2	POLECAT (KW)	0	0	0
TRAIL WATER PUMPING (KW)	1162						
TRAIL WATER PUMPING (KWH)	26341						
TRAIL PUMPING COST	$1,245						
TOTAL TRAIL WATER VOLUME (MG)	3.2						
TOTAL TRAIL AIR FLOW (CFM)	34030						
TRAIL AIR (KW)	5278						
TRAIL AIR (KWH)	119594						
TRAIL AIR COST	$5,654						
TOTAL TRAIL AIR VOLUME (MCF)	28.3						
TRAIL POLECAT (KW)	0						
TRAIL POLECAT (KWH)	0						
TRAIL POLECAT COST	$0						
TIME TO COMPLETE (HRS)	22.7						

TRAIL ON PEAK DEMAND (KW) =	6440
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	**$23,359**
DEMAND CHARGE =	**$48,300**
ENERGY TOTAL COST =	**$71,659**

SELECT TRAIL NAME FROM LIST — DEER RUN EXT

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK	
TRAIL LENGTH (FT)		2160
TRAIL AREA (SF)		119954
ENTER PHASE SNOW DEPTH (FT)		1.5
ENTER TEMPERATURE (DEGREES F)		24 (between 8 and 26 degrees)
WATER VOL. REQ'D (MG)		0.9

GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	28	18	27	56	38	24
IND. GUN AIR FLOW RATE (CFM)	410	55	100	0	0	0
ENTER GUN SPACING (FT)	0	0	0	0	140	0
# OF GUNS	0	0	0	0	16	0
TOTAL GUN WATER USAGE (GPM)	0	0	0	0	608	0
TOTAL GUN AIR USAGE (CFM)	0	0	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
			POLECAT (KW)	0	240	0

TOTAL TRAIL WATER FLOW (GPM)	505	LOWER	0.9
TRAIL WATER PUMPING (KW)	152		
TRAIL WATER PUMPING (KWH)	3648		
TRAIL PUMPING COST	$368		
TOTAL TRAIL WATER VOLUME (MG)	0.9		
TOTAL TRAIL AIR FLOW (CFM)	0		
TRAIL AIR (KW)	0		
TRAIL AIR (KWH)	0		
TRAIL AIR COST	$0		
TOTAL TRAIL AIR VOLUME (MCF)	0.0		
TRAIL POLECAT (KW)	240		
TRAIL POLECAT (KWH)	5757		
TRAIL POLECAT COST	$581		
TIME TO COMPLETE (HRS)	24.0		

TRAIL ON PEAK DEMAND (KW) =	392
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	**$1,504**
DEMAND CHARGE =	**$2,940**
ENERGY TOTAL COST =	**$4,444**

SELECT TRAIL NAME FROM LIST — Iroquois

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK	
TRAIL LENGTH (FT)		2948
TRAIL AREA (SF)		215167
ENTER PHASE SNOW DEPTH (FT)		1.5
ENTER TEMPERATURE (DEGREES F)		24 (between 8 and 26 degrees)
WATER VOL. REQ'D (MG)		1.6

GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	28	18	27	56	38	24
IND. GUN AIR FLOW RATE (CFM)	410	55	100	0	0	0
ENTER GUN SPACING (FT)	0	0	0	0	100	0
# OF GUNS	0	0	0	0	30	0
TOTAL GUN WATER USAGE (GPM)	0	0	0	0	1140	0
TOTAL GUN AIR USAGE (CFM)	0	0	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
			POLECAT (KW)	0	450	0

TOTAL TRAIL WATER FLOW (GPM)	740	LOWER	1.6
TRAIL WATER PUMPING (KW)	285		
TRAIL WATER PUMPING (KWH)	6842		
TRAIL PUMPING COST	$1,247		
TOTAL TRAIL WATER VOLUME (MG)	1.6		
TOTAL TRAIL AIR FLOW (CFM)	0		
TRAIL AIR (KW)	0		
TRAIL AIR (KWH)	0		
TRAIL AIR COST	$0		
TOTAL TRAIL AIR VOLUME (MCF)	0.0		
TRAIL POLECAT (KW)	450		
TRAIL POLECAT (KWH)	10795		
TRAIL POLECAT COST	$1,952		
TIME TO COMPLETE (HRS)	23.0		

TRAIL ON PEAK DEMAND (KW) =	735
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	**$2,699**
DEMAND CHARGE =	**$5,513**
ENERGY TOTAL COST =	**$8,212**

SELECT TRAIL NAME FROM LIST — Huron Section A

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK	
TRAIL LENGTH (FT)		763
TRAIL AREA (SF)		30575
ENTER PHASE SNOW DEPTH (FT)		1.5
ENTER TEMPERATURE (DEGREES F)		24 (between 8 and 26 degrees)
WATER VOL. REQ'D (MG)		0.2

GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	28	18	27	56	38	24
IND. GUN AIR FLOW RATE (CFM)	410	55	100	0	0	0
ENTER GUN SPACING (FT)	0	0	0	0	0	100
# OF GUNS	0	0	0	0	0	8
TOTAL GUN WATER USAGE (GPM)	0	0	0	0	0	192
TOTAL GUN AIR USAGE (CFM)	0	0	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
			POLECAT (KW)	0	0	75

TOTAL TRAIL WATER FLOW (GPM)	152	LOWER	0.2
TRAIL WATER PUMPING (KW)	46		
TRAIL WATER PUMPING (KWH)	923		
TRAIL PUMPING COST	$149		
TOTAL TRAIL WATER VOLUME (MG)	0.2		
TOTAL TRAIL AIR FLOW (CFM)	0		
TRAIL AIR (KW)	0		
TRAIL AIR (KWH)	0		
TRAIL AIR COST	$0		
TOTAL TRAIL AIR VOLUME (MCF)	0.0		
TRAIL POLECAT (KW)	75		
TRAIL POLECAT (KWH)	1635		
TRAIL POLECAT COST	$264		
TIME TO COMPLETE (HRS)	19.4		

TRAIL ON PEAK DEMAND (KW) =	123
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	**$381**
DEMAND CHARGE =	**$923**
ENERGY TOTAL COST =	**$1,303**

SELECT TRAIL NAME FROM LIST — AREA 8 - Base Lift 1& 2 Discovery

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK						
TRAIL LENGTH (FT)		100					
TRAIL AREA (SF)		75585					
ENTER PHASE SNOW DEPTH (FT)		1.5					
ENTER TEMPERATURE (DEGREES F)		24 (between 8 and 26 degrees)					
WATER VOL. REQ'D (MG)		0.6					
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)		28	18	27	56	38	24
IND. GUN AIR FLOW RATE (CFM)		410	55	100	0	0	0
ENTER GUN SPACING (FT)		0	0	0	0	10	0
# OF GUNS		0	0	0	0	10	0
TOTAL GUN WATER USAGE (GPM)		0	0	0	0	380	0
TOTAL GUN AIR USAGE (CFM)		0	0	0	0	0	0
				POLECAT (KW/UNIT)	26.5	15	9.375
TOTAL TRAIL WATER FLOW (GPM)	380	LOWER	0.6	POLECAT (KW)	0	150	0
TRAIL WATER PUMPING (KW)	55						
TRAIL WATER PUMPING (KWH)	2800						
TRAIL PUMPING COST	$168						
TOTAL TRAIL WATER VOLUME (MG)	0.6						
TOTAL TRAIL AIR FLOW (CFM)	0						
TRAIL AIR (KW)	0						
TRAIL AIR (KWH)	0						
TRAIL AIR COST	$0						
TOTAL TRAIL AIR VOLUME (MCF)	0.0						
TRAIL POLECAT (KW)	150						
TRAIL POLECAT (KWH)	3562						
TRAIL POLECAT COST	$214						
TIME TO COMPLETE (HRS)	24.2						

TRAIL ON PEAK DEMAND (KW) =	245
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	**$949**
DEMAND CHARGE =	**$1,838**
ENERGY TOTAL COST =	**$2,787**

SELECT TRAIL NAME FROM LIST — Running Bear

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK						
TRAIL LENGTH (FT)		480					
TRAIL AREA (SF)		59872					
ENTER PHASE SNOW DEPTH (FT)		1.5					
ENTER TEMPERATURE (DEGREES F)		24 (between 8 and 26 degrees)					
WATER VOL. REQ'D (MG)		0.4					
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)		28	18	27	56	38	24
IND. GUN AIR FLOW RATE (CFM)		410	55	100	0	0	0
ENTER GUN SPACING (FT)		0	0	0	0	60	0
# OF GUNS		0	0	0	0	8	0
TOTAL GUN WATER USAGE (GPM)		0	0	0	0	304	0
TOTAL GUN AIR USAGE (CFM)		0	0	0	0	0	0
				POLECAT (KW/UNIT)	26.5	15	9.375
TOTAL TRAIL WATER FLOW (GPM)	384	LOWER	0.4	POLECAT (KW)	0	120	0
TRAIL WATER PUMPING (KW)	76						
TRAIL WATER PUMPING (KWH)	1824						
TRAIL PUMPING COST	$294						
TOTAL TRAIL WATER VOLUME (MG)	0.4						
TOTAL TRAIL AIR FLOW (CFM)	0						
TRAIL AIR (KW)	0						
TRAIL AIR (KWH)	0						
TRAIL AIR COST	$0						
TOTAL TRAIL AIR VOLUME (MCF)	0.0						
TRAIL POLECAT (KW)	120						
TRAIL POLECAT (KWH)	2874						
TRAIL POLECAT COST	$168						
TIME TO COMPLETE (HRS)	24.0						

TRAIL ON PEAK DEMAND (KW) =	196
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	**$751**
DEMAND CHARGE =	**$1,470**
ENERGY TOTAL COST =	**$2,221**

SELECT TRAIL NAME FROM LIST — AREA 10 - Beginner Area

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK						
TRAIL LENGTH (FT)		300					
TRAIL AREA (SF)		37905					
ENTER PHASE SNOW DEPTH (FT)		1.5					
ENTER TEMPERATURE (DEGREES F)		24 (between 8 and 26 degrees)					
WATER VOL. REQ'D (MG)		0.3					
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)		28	18	27	56	38	24
IND. GUN AIR FLOW RATE (CFM)		410	55	100	0	0	0
ENTER GUN SPACING (FT)		0	0	0	0	60	0
# OF GUNS		0	0	0	0	5	0
TOTAL GUN WATER USAGE (GPM)		0	0	0	0	190	0
TOTAL GUN AIR USAGE (CFM)		0	0	0	0	0	0
				POLECAT (KW/UNIT)	26.5	15	9.375
TOTAL TRAIL WATER FLOW (GPM)	190	LOWER	0.3	POLECAT (KW)	0	75	0
TRAIL WATER PUMPING (KW)	48						
TRAIL WATER PUMPING (KWH)	1184						
TRAIL PUMPING COST	$198						
TOTAL TRAIL WATER VOLUME (MG)	0.3						
TOTAL TRAIL AIR FLOW (CFM)	0						
TRAIL AIR (KW)	0						
TRAIL AIR (KWH)	0						
TRAIL AIR COST	$0						
TOTAL TRAIL AIR VOLUME (MCF)	0.0						
TRAIL POLECAT (KW)	75						
TRAIL POLECAT (KWH)	1832						
TRAIL POLECAT COST	$293						
TIME TO COMPLETE (HRS)	24.3						

TRAIL ON PEAK DEMAND (KW) =	123
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	**$476**
DEMAND CHARGE =	**$919**
ENERGY TOTAL COST =	**$1,395**

AREA 9 - Kidscamp

SELECT TRAIL NAME FROM LIST							
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK						
TRAIL LENGTH (FT)		200					
TRAIL AREA (SF)		36135					
ENTER PHASE SNOW DEPTH (FT)		1.5					
ENTER TEMPERATURE (DEGREES F)		24 (between 8 and 26 degrees)					
WATER VOL. REQ'D (MG)		0.3					
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)		28	18	27	56	38	24
IND. GUN AIR FLOW RATE (CFM)		410	55	100	0	0	0
ENTER GUN SPACING (FT)		0	0	0	0	50	0
# OF GUNS		0	0	0	0	4	0
TOTAL GUN WATER USAGE (GPM)		0	0	0	0	152	0
TOTAL GUN AIR USAGE (CFM)		0	0	0	0	0	0
				POLECAT (KW/UNIT)	26.5	15	9.375
TOTAL TRAIL WATER FLOW (GPM)	[redacted]	LOWER	0.3	POLECAT (KW)	0	60	0
TRAIL WATER PUMPING (KW)	[redacted]						
TRAIL WATER PUMPING (KWH)	[redacted]						
TRAIL PUMPING COST	[redacted]						
TOTAL TRAIL WATER VOLUME (MG)	[redacted]						
TOTAL TRAIL AIR FLOW (CFM)	[redacted]						
TRAIL AIR (KW)	[redacted]						
TRAIL AIR (KWH)	[redacted]						
TRAIL AIR COST	[redacted]						
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]						
TRAIL POLECAT (KW)	[redacted]						
TRAIL POLECAT (KWH)	[redacted]						
TRAIL POLECAT COST	[redacted]						
TIME TO COMPLETE (HRS)	28.9						

TRAIL ON PEAK DEMAND (KW) =	98
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	**$454**
DEMAND CHARGE =	**$735**
ENERGY TOTAL COST =	**$1,189**

CONNECT 12 - Discovery Lodge to Beginner Area

SELECT TRAIL NAME FROM LIST							
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK						
TRAIL LENGTH (FT)		242					
TRAIL AREA (SF)		10683					
ENTER PHASE SNOW DEPTH (FT)		1.5					
ENTER TEMPERATURE (DEGREES F)		24 (between 8 and 26 degrees)					
WATER VOL. REQ'D (MG)		0.1					
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)		28	18	27	56	38	24
IND. GUN AIR FLOW RATE (CFM)		410	55	100	0	0	0
ENTER GUN SPACING (FT)		0	0	0	0	300	0
# OF GUNS		0	0	0	0	1	0
TOTAL GUN WATER USAGE (GPM)		0	0	0	0	38	0
TOTAL GUN AIR USAGE (CFM)		0	0	0	0	0	0
				POLECAT (KW/UNIT)	26.5	15	9.375
TOTAL TRAIL WATER FLOW (GPM)	[redacted]	LOWER	0.1	POLECAT (KW)	0	15	0
TRAIL WATER PUMPING (KW)	[redacted]						
TRAIL WATER PUMPING (KWH)	[redacted]						
TRAIL PUMPING COST	[redacted]						
TOTAL TRAIL WATER VOLUME (MG)	[redacted]						
TOTAL TRAIL AIR FLOW (CFM)	[redacted]						
TRAIL AIR (KW)	[redacted]						
TRAIL AIR (KWH)	[redacted]						
TRAIL AIR COST	[redacted]						
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]						
TRAIL POLECAT (KW)	[redacted]						
TRAIL POLECAT (KWH)	[redacted]						
TRAIL POLECAT COST	[redacted]						
TIME TO COMPLETE (HRS)	35.1						

TRAIL ON PEAK DEMAND (KW) =	25
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	**$138**
DEMAND CHARGE =	**$184**
ENERGY TOTAL COST =	**$321**

SNOWMAKING PHASE 2

UPPER WATER SYSTEM (GPM) =	6510
LOWER WATER SYSTEM (GPM) =	2044
AIR SYSTEM (CFM):	38260
UPPER WATER SYSTEM VOL (MG)	15.0
LOWER WATER SYSTEM VOL (MG)	3.2
PHASE WATER VOL (MG)	18.2
SNOWMAKING AREA (AC)	57.3
ON PEAK DEMAND (KW)	10855.1
OFF PEAK DEMAND (KW)	0.0
PHASE ENERGY USE COST	$64,364

SNOW GIANT HIGH E	82
SKY GIANT LOW E	144
HKD SV10 LOW E	0
SUPER POLECAT	0
STD POLECAT	77
KID POLECAT	0

WATER PUMPING (KWH)	138571
STATIONARY AIR (KWH)	223455
POLECAT (KWH)	40250
TOTAL (KWH)	402276

SELECT TRAIL NAME FROM LIST — Yahoo Upper

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK
TRAIL LENGTH (FT)	670
TRAIL AREA (SF)	72058
ENTER PHASE SNOW DEPTH (FT)	1.5
ENTER TEMPERATURE (DEGREES F)	22 (between 8 and 26 degrees)
WATER VOL. REQ'D (MG)	0.5

GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	30	22	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)	370	55	100	0	0	0
ENTER GUN SPACING (FT)	120	0	0	0	0	0
# OF GUNS	8	0	0	0	0	0
TOTAL GUN WATER USAGE (GPM)	240	0	0	0	0	0
TOTAL GUN AIR USAGE (CFM)	2960	0	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
	UPPER	0.5	POLECAT (KW)	0	0	0

TOTAL TRAIL WATER FLOW (GPM)	240
TRAIL WATER PUMPING (KW)	120
TRAIL WATER PUMPING (KWH)	4333
TRAIL PUMPING COST	$780
TOTAL TRAIL WATER VOLUME (MG)	0.5
TOTAL TRAIL AIR FLOW (CFM)	2960
TRAIL AIR (KW)	480
TRAIL AIR (KWH)	10440
TRAIL AIR COST	$2,088
TOTAL TRAIL AIR VOLUME (MCF)	0.5
TRAIL POLECAT (KW)	0
TRAIL POLECAT (KWH)	0
TRAIL POLECAT COST	$0
TIME TO COMPLETE (HRS)	36.5

TRAIL ON PEAK DEMAND (KW) =	579
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$3,384
DEMAND CHARGE =	$4,343
ENERGY TOTAL COST =	$7,728

SELECT TRAIL NAME FROM LIST — Yahoo Lower

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK
TRAIL LENGTH (FT)	1840
TRAIL AREA (SF)	187852
ENTER PHASE SNOW DEPTH (FT)	1.5
ENTER TEMPERATURE (DEGREES F)	22 (between 8 and 26 degrees)
WATER VOL. REQ'D (MG)	1.4

GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	30	22	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)	370	55	100	0	0	0
ENTER GUN SPACING (FT)	0	0	0	0	100	0
# OF GUNS	0	0	0	0	19	0
TOTAL GUN WATER USAGE (GPM)	0	0	0	0	722	0
TOTAL GUN AIR USAGE (CFM)	0	0	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
	UPPER	1.4	POLECAT (KW)	0	285	0

TOTAL TRAIL WATER FLOW (GPM)	722
TRAIL WATER PUMPING (KW)	361
TRAIL WATER PUMPING (KWH)	12993
TRAIL PUMPING COST	$1,928
TOTAL TRAIL WATER VOLUME (MG)	1.4
TOTAL TRAIL AIR FLOW (CFM)	0
TRAIL AIR (KW)	0
TRAIL AIR (KWH)	0
TRAIL AIR COST	$0
TOTAL TRAIL AIR VOLUME (MCF)	0.0
TRAIL POLECAT (KW)	285
TRAIL POLECAT (KWH)	9500
TRAIL POLECAT COST	$1,520
TIME TO COMPLETE (HRS)	33.3

TRAIL ON PEAK DEMAND (KW) =	646
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$3,445
DEMAND CHARGE =	$4,845
ENERGY TOTAL COST =	$8,290

AREA 4 - Base Lift 7 Overlook

SELECT TRAIL NAME FROM LIST							
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK						
TRAIL LENGTH (FT)		100					
TRAIL AREA (SF)		40600					
ENTER PHASE SNOW DEPTH (FT)		1.5					
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 26 degrees)					
WATER VOL. REQ'D (MG)		0.3					
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)		30	22	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)		370	55	100	0	0	0
ENTER GUN SPACING (FT)		8	0	0	0	40	0
# OF GUNS		0	0	0	0	3	0
TOTAL GUN WATER USAGE (GPM)		0	0	0	0	114	0
TOTAL GUN AIR USAGE (CFM)		0	0	0	0	0	0
				POLECAT (KW/UNIT)	26.5	15	9.375
TOTAL TRAIL WATER FLOW (GPM)	171	UPPER	0.3	POLECAT (KW)	0	45	0
TRAIL WATER PUMPING (KW)	37						
TRAIL WATER PUMPING (KWH)	2475						
TRAIL PUMPING COST	$339						
TOTAL TRAIL WATER VOLUME (MG)	0.3						
TOTAL TRAIL AIR FLOW (CFM)	0						
TRAIL AIR (KW)	0						
TRAIL AIR (KWH)	0						
TRAIL AIR COST	$0						
TOTAL TRAIL AIR VOLUME (MCF)	0.0						
TRAIL POLECAT (KW)	0						
TRAIL POLECAT (KWH)	0						
TRAIL POLECAT COST	$0						
TIME TO COMPLETE (HRS)	43.4						

TRAIL ON PEAK DEMAND (KW) =	102
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$709
DEMAND CHARGE =	$765
ENERGY TOTAL COST =	$1,474

AREA 2 - Top Lift 7

SELECT TRAIL NAME FROM LIST							
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK						
TRAIL LENGTH (FT)		100					
TRAIL AREA (SF)		10924					
ENTER PHASE SNOW DEPTH (FT)		1.5					
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 26 degrees)					
WATER VOL. REQ'D (MG)		0.1					
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)		30	22	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)		370	55	100	0	0	0
ENTER GUN SPACING (FT)		0	0	0	0	100	0
# OF GUNS		0	0	0	0	1	0
TOTAL GUN WATER USAGE (GPM)		0	0	0	0	38	0
TOTAL GUN AIR USAGE (CFM)		0	0	0	0	0	0
				POLECAT (KW/UNIT)	26.5	15	9.375
TOTAL TRAIL WATER FLOW (GPM)	38	UPPER	0.1	POLECAT (KW)	0	15	0
TRAIL WATER PUMPING (KW)	19						
TRAIL WATER PUMPING (KWH)	607						
TRAIL PUMPING COST	$107						
TOTAL TRAIL WATER VOLUME (MG)	0.1						
TOTAL TRAIL AIR FLOW (CFM)	0						
TRAIL AIR (KW)	0						
TRAIL AIR (KWH)	0						
TRAIL AIR COST	$0						
TOTAL TRAIL AIR VOLUME (MCF)	0.0						
TRAIL POLECAT (KW)	15						
TRAIL POLECAT (KWH)	338						
TRAIL POLECAT COST	$81						
TIME TO COMPLETE (HRS)	35.1						

TRAIL ON PEAK DEMAND (KW) =	34
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$191
DEMAND CHARGE =	$255
ENERGY TOTAL COST =	$446

Onteora Upper

SELECT TRAIL NAME FROM LIST							
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK						
TRAIL LENGTH (FT)		804					
TRAIL AREA (SF)		65362					
ENTER PHASE SNOW DEPTH (FT)		1.5					
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 26 degrees)					
WATER VOL. REQ'D (MG)		0.5					
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)		30	22	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)		370	55	100	0	0	0
ENTER GUN SPACING (FT)		150	0	0	0	0	0
# OF GUNS		6	0	0	0	0	0
TOTAL GUN WATER USAGE (GPM)		180	0	0	0	0	0
TOTAL GUN AIR USAGE (CFM)		2220	0	0	0	0	0
				POLECAT (KW/UNIT)	26.5	15	9.375
TOTAL TRAIL WATER FLOW (GPM)	180	UPPER	0.5	POLECAT (KW)	0	0	0
TRAIL WATER PUMPING (KW)	39						
TRAIL WATER PUMPING (KWH)	3775						
TRAIL PUMPING COST	$339						
TOTAL TRAIL WATER VOLUME (MG)	0.5						
TOTAL TRAIL AIR FLOW (CFM)	2220						
TRAIL AIR (KW)	343						
TRAIL AIR (KWH)	16200						
TRAIL AIR COST	$2,430						
TOTAL TRAIL AIR VOLUME (MCF)	0.6						
TRAIL POLECAT (KW)	0						
TRAIL POLECAT (KWH)	0						
TRAIL POLECAT COST	$0						
TIME TO COMPLETE (HRS)	44.2						

TRAIL ON PEAK DEMAND (KW) =	434
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$3,069
DEMAND CHARGE =	$3,257
ENERGY TOTAL COST =	$6,327

SELECT TRAIL NAME FROM LIST — Onteora Lower

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK	
TRAIL LENGTH (FT)	1544	
TRAIL AREA (SF)	114474	
ENTER PHASE SNOW DEPTH (FT)	1.5	
ENTER TEMPERATURE (DEGREES F)	22	(between 8 and 26 degrees)
WATER VOL. REQ'D (MG)	0.8	

GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	30	22	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)	370	55	100	0	0	0
ENTER GUN SPACING (FT)	0	120	0	0	0	0
# OF GUNS	0	13	0	0	0	0
TOTAL GUN WATER USAGE (GPM)	0	286	0	0	0	0
TOTAL GUN AIR USAGE (CFM)	0	715	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
	UPPER	0.8	POLECAT (KW)	0	0	0

TOTAL TRAIL WATER FLOW (GPM)	286
TRAIL WATER PUMPING (KW)	115
TRAIL WATER PUMPING (KWH)	3994
TRAIL PUMPING COST	$4,113
TOTAL TRAIL WATER VOLUME (MG)	0.8
TOTAL TRAIL AIR FLOW (CFM)	715
TRAIL AIR (KW)	104
TRAIL AIR (KWH)	3996
TRAIL AIR COST	$4,116
TOTAL TRAIL AIR VOLUME (MCF)	2.1
TRAIL POLECAT (KW)	0
TRAIL POLECAT (KWH)	0
TRAIL POLECAT COST	$0
TIME TO COMPLETE (HRS)	48.7

TRAIL ON PEAK DEMAND (KW) =	254
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$1,977
DEMAND CHARGE =	$1,904
ENERGY TOTAL COST =	$3,881

SELECT TRAIL NAME FROM LIST — Wanatuska Upper

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK	
TRAIL LENGTH (FT)	713	
TRAIL AREA (SF)	83890	
ENTER PHASE SNOW DEPTH (FT)	1.5	
ENTER TEMPERATURE (DEGREES F)	22	(between 8 and 26 degrees)
WATER VOL. REQ'D (MG)	0.6	

GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	30	22	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)	370	55	100	0	0	0
ENTER GUN SPACING (FT)	100	0	0	0	0	0
# OF GUNS	8	0	0	0	0	0
TOTAL GUN WATER USAGE (GPM)	240	0	0	0	0	0
TOTAL GUN AIR USAGE (CFM)	2960	0	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
	UPPER	0.6	POLECAT (KW)	0	0	0

TOTAL TRAIL WATER FLOW (GPM)	240
TRAIL WATER PUMPING (KW)	120
TRAIL WATER PUMPING (KWH)	5100
TRAIL PUMPING COST	$5,610
TOTAL TRAIL WATER VOLUME (MG)	0.6
TOTAL TRAIL AIR FLOW (CFM)	2960
TRAIL AIR (KW)	469
TRAIL AIR (KWH)	19912
TRAIL AIR COST	$21,902
TOTAL TRAIL AIR VOLUME (MCF)	7.4
TRAIL POLECAT (KW)	0
TRAIL POLECAT (KWH)	0
TRAIL POLECAT COST	$0
TIME TO COMPLETE (HRS)	42.5

TRAIL ON PEAK DEMAND (KW) =	579
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$3,938
DEMAND CHARGE =	$4,343
ENERGY TOTAL COST =	$8,281

SELECT TRAIL NAME FROM LIST — Wanatuska Lower

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK	
TRAIL LENGTH (FT)	2800	
TRAIL AREA (SF)	240900	
ENTER PHASE SNOW DEPTH (FT)	1.5	
ENTER TEMPERATURE (DEGREES F)	22	(between 8 and 26 degrees)
WATER VOL. REQ'D (MG)	1.8	

GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	30	22	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)	370	55	100	0	0	0
ENTER GUN SPACING (FT)	0	0	0	0	150	0
# OF GUNS	0	0	0	0	18	0
TOTAL GUN WATER USAGE (GPM)	0	0	0	0	722	0
TOTAL GUN AIR USAGE (CFM)	0	0	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
	UPPER	1.8	POLECAT (KW)	0	285	0

TOTAL TRAIL WATER FLOW (GPM)	722
TRAIL WATER PUMPING (KW)	291
TRAIL WATER PUMPING (KWH)	14112
TRAIL PUMPING COST	$15,519
TOTAL TRAIL WATER VOLUME (MG)	1.8
TOTAL TRAIL AIR FLOW (CFM)	0
TRAIL AIR (KW)	0
TRAIL AIR (KWH)	0
TRAIL AIR COST	$0
TOTAL TRAIL AIR VOLUME (MCF)	0.0
TRAIL POLECAT (KW)	285
TRAIL POLECAT (KWH)	13680
TRAIL POLECAT COST	$15,048
TIME TO COMPLETE (HRS)	40.6

TRAIL ON PEAK DEMAND (KW) =	846
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$4,192
DEMAND CHARGE =	$4,845
ENERGY TOTAL COST =	$9,037

SELECT TRAIL NAME FROM LIST — Belleayre Run Upper

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK
TRAIL LENGTH (FT)	705
TRAIL AREA (SF)	79466
ENTER PHASE SNOW DEPTH (FT)	1.5
ENTER TEMPERATURE (DEGREES F)	22 (between 8 and 26 degrees)
WATER VOL. REQ'D (MG)	0.6

GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	30	22	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)	370	55	100	0	0	0
ENTER GUN SPACING (FT)	100	0	0	0	0	0
# OF GUNS	8	0	0	0	0	0
TOTAL GUN WATER USAGE (GPM)	240	0	0	0	0	0
TOTAL GUN AIR USAGE (CFM)	2960	0	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
	UPPER	0.6	POLECAT (KW)	0	0	0

TOTAL TRAIL WATER FLOW (GPM)	240
TRAIL WATER PUMPING (KW)	120
TRAIL WATER PUMPING (KWH)	4680
TRAIL PUMPING COST	$779
TOTAL TRAIL WATER VOLUME (MG)	0.6
TOTAL TRAIL AIR FLOW (CFM)	2960
TRAIL AIR (KW)	436
TRAIL AIR (KWH)	17401
TRAIL AIR COST	$2,953
TOTAL TRAIL AIR VOLUME (MCF)	72
TRAIL POLECAT (KW)	0
TRAIL POLECAT (KWH)	0
TRAIL POLECAT COST	$0
TIME TO COMPLETE (HRS)	40.3

TRAIL ON PEAK DEMAND (KW) =	578
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$3,732
DEMAND CHARGE =	$4,343
ENERGY TOTAL COST =	$8,075

SELECT TRAIL NAME FROM LIST — Belleayre Run Lower

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK
TRAIL LENGTH (FT)	2700
TRAIL AREA (SF)	267610
ENTER PHASE SNOW DEPTH (FT)	1.5
ENTER TEMPERATURE (DEGREES F)	22 (between 8 and 26 degrees)
WATER VOL. REQ'D (MG)	2.1

GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	30	22	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)	370	55	100	0	0	0
ENTER GUN SPACING (FT)	400	100	0	0	0	0
# OF GUNS	7	27	0	0	0	0
TOTAL GUN WATER USAGE (GPM)	210	594	0	0	0	0
TOTAL GUN AIR USAGE (CFM)	2590	1485	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
	UPPER	2.1	POLECAT (KW)	0	0	0

TOTAL TRAIL WATER FLOW (GPM)	804
TRAIL WATER PUMPING (KW)	402
TRAIL WATER PUMPING (KWH)	17189
TRAIL PUMPING COST	$2,707
TOTAL TRAIL WATER VOLUME (MG)	2.1
TOTAL TRAIL AIR FLOW (CFM)	4075
TRAIL AIR (KW)	592
TRAIL AIR (KWH)	27188
TRAIL AIR COST	$4,488
TOTAL TRAIL AIR VOLUME (MCF)	108
TRAIL POLECAT (KW)	0
TRAIL POLECAT (KWH)	0
TRAIL POLECAT COST	$0
TIME TO COMPLETE (HRS)	43.5

TRAIL ON PEAK DEMAND (KW) =	1034
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$7,195
DEMAND CHARGE =	$7,755
ENERGY TOTAL COST =	$14,951

SELECT TRAIL NAME FROM LIST — ONONDAGA

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK
TRAIL LENGTH (FT)	1578
TRAIL AREA (SF)	111550
ENTER PHASE SNOW DEPTH (FT)	1.5
ENTER TEMPERATURE (DEGREES F)	22 (between 8 and 26 degrees)
WATER VOL. REQ'D (MG)	0.8

GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	30	22	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)	370	55	100	0	0	0
ENTER GUN SPACING (FT)	140	0	0	0	0	0
# OF GUNS	12	0	0	0	0	0
TOTAL GUN WATER USAGE (GPM)	360	0	0	0	0	0
TOTAL GUN AIR USAGE (CFM)	4440	0	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
	UPPER	0.8	POLECAT (KW)	0	0	0

TOTAL TRAIL WATER FLOW (GPM)	360
TRAIL WATER PUMPING (KW)	180
TRAIL WATER PUMPING (KWH)	6729
TRAIL PUMPING COST	$1,089
TOTAL TRAIL WATER VOLUME (MG)	0.8
TOTAL TRAIL AIR FLOW (CFM)	4440
TRAIL AIR (KW)	889
TRAIL AIR (KWH)	33252
TRAIL AIR COST	$4,152
TOTAL TRAIL AIR VOLUME (MCF)	100
TRAIL POLECAT (KW)	0
TRAIL POLECAT (KWH)	0
TRAIL POLECAT COST	$0
TIME TO COMPLETE (HRS)	37.7

TRAIL ON PEAK DEMAND (KW) =	889
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$5,238
DEMAND CHARGE =	$6,515
ENERGY TOTAL COST =	$11,752

SELECT TRAIL NAME FROM LIST — Horseshoe Pass

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK	
TRAIL LENGTH (FT)		1244
TRAIL AREA (SF)		92600
ENTER PHASE SNOW DEPTH (FT)		1.5
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 26 degrees)
WATER VOL. REQ'D (MG)		0.7

GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	30	22	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)	370	55	100	0	0	0
ENTER GUN SPACING (FT)	0	100	0	0	0	0
# OF GUNS	0	13	0	0	0	0
TOTAL GUN WATER USAGE (GPM)	0	286	0	0	0	0
TOTAL GUN AIR USAGE (CFM)	0	715	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
			POLECAT (KW)	0	0	0

TOTAL TRAIL WATER FLOW (GPM)	[redacted]	UPPER	0.7
TRAIL WATER PUMPING (KW)	[redacted]		
TRAIL WATER PUMPING (KWH)	[redacted]		
TRAIL PUMPING COST	[redacted]		
TOTAL TRAIL WATER VOLUME (MG)	[redacted]		
TOTAL TRAIL AIR FLOW (CFM)	[redacted]		
TRAIL AIR (KW)	[redacted]		
TRAIL AIR (KWH)	[redacted]		
TRAIL AIR COST	[redacted]		
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]		
TRAIL POLECAT (KW)	[redacted]		
TRAIL POLECAT (KWH)	[redacted]		
TRAIL POLECAT COST	[redacted]		
TIME TO COMPLETE (HRS)	39.4		

TRAIL ON PEAK DEMAND (KW) =	254
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$1,600
DEMAND CHARGE =	$1,904
ENERGY TOTAL COST =	$3,505

SELECT TRAIL NAME FROM LIST — Roaring Brook Section B

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK	
TRAIL LENGTH (FT)		3904
TRAIL AREA (SF)		249356
ENTER PHASE SNOW DEPTH (FT)		1.5
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 26 degrees)
WATER VOL. REQ'D (MG)		1.8

GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	30	22	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)	370	55	100	0	0	0
ENTER GUN SPACING (FT)	150	0	0	0	0	0
# OF GUNS	27	0	0	0	0	0
TOTAL GUN WATER USAGE (GPM)	810	0	0	0	0	0
TOTAL GUN AIR USAGE (CFM)	9990	0	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
			POLECAT (KW)	0	0	0

TOTAL TRAIL WATER FLOW (GPM)	[redacted]	UPPER	1.8
TRAIL WATER PUMPING (KW)	[redacted]		
TRAIL WATER PUMPING (KWH)	[redacted]		
TRAIL PUMPING COST	[redacted]		
TOTAL TRAIL WATER VOLUME (MG)	[redacted]		
TOTAL TRAIL AIR FLOW (CFM)	[redacted]		
TRAIL AIR (KW)	[redacted]		
TRAIL AIR (KWH)	[redacted]		
TRAIL AIR COST	[redacted]		
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]		
TRAIL POLECAT (KW)	[redacted]		
TRAIL POLECAT (KWH)	[redacted]		
TRAIL POLECAT COST	[redacted]		
TIME TO COMPLETE (HRS)	37.4		

TRAIL ON PEAK DEMAND (KW) =	1954
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$11,704
DEMAND CHARGE =	$14,658
ENERGY TOTAL COST =	$26,363

SELECT TRAIL NAME FROM LIST — Roaring Brook Section A

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK	
TRAIL LENGTH (FT)		1626
TRAIL AREA (SF)		113739
ENTER PHASE SNOW DEPTH (FT)		1.5
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 26 degrees)
WATER VOL. REQ'D (MG)		0.8

GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	30	22	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)	370	55	100	0	0	0
ENTER GUN SPACING (FT)	0	100	0	0	0	0
# OF GUNS	0	17	0	0	0	0
TOTAL GUN WATER USAGE (GPM)	0	374	0	0	0	0
TOTAL GUN AIR USAGE (CFM)	0	935	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
			POLECAT (KW)	0	0	0

TOTAL TRAIL WATER FLOW (GPM)	[redacted]	UPPER	0.8
TRAIL WATER PUMPING (KW)	[redacted]		
TRAIL WATER PUMPING (KWH)	[redacted]		
TRAIL PUMPING COST	[redacted]		
TOTAL TRAIL WATER VOLUME (MG)	[redacted]		
TOTAL TRAIL AIR FLOW (CFM)	[redacted]		
TRAIL AIR (KW)	[redacted]		
TRAIL AIR (KWH)	[redacted]		
TRAIL AIR COST	[redacted]		
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]		
TRAIL POLECAT (KW)	[redacted]		
TRAIL POLECAT (KWH)	[redacted]		
TRAIL POLECAT COST	[redacted]		
TIME TO COMPLETE (HRS)	37.0		

TRAIL ON PEAK DEMAND (KW) =	332
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$1,965
DEMAND CHARGE =	$2,490
ENERGY TOTAL COST =	$4,455

AREA 3 - Top Lift 6

SELECT TRAIL NAME FROM LIST	
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK
TRAIL LENGTH (FT)	100
TRAIL AREA (SF)	44760
ENTER PHASE SNOW DEPTH (FT)	1.5
ENTER TEMPERATURE (DEGREES F)	22 (between 8 and 26 degrees)
WATER VOL. REQ'D (MG)	0.3

GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	30	22	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)	370	55	100	0	0	0
ENTER GUN SPACING (FT)	0	0	0	0	40	0
# OF GUNS	0	0	0	0	3	0
TOTAL GUN WATER USAGE (GPM)	0	0	0	0	114	0
TOTAL GUN AIR USAGE (CFM)	0	0	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
	UPPER	0.3	POLECAT (KW)	0	45	0

TOTAL TRAIL WATER FLOW (GPM)	114
TRAIL WATER PUMPING (KW)	37
TRAIL WATER PUMPING (KWH)	2725
TRAIL PUMPING COST	$135
TOTAL TRAIL WATER VOLUME (MG)	0.3
TOTAL TRAIL AIR FLOW (CFM)	0
TRAIL AIR (KW)	0
TRAIL AIR (KWH)	0
TRAIL AIR COST	$0
TOTAL TRAIL AIR VOLUME (MCF)	0.0
TRAIL POLECAT (KW)	15
TRAIL POLECAT (KWH)	2481
TRAIL POLECAT COST	$124
TIME TO COMPLETE (HRS)	47.8

TRAIL ON PEAK DEMAND (KW) =	102
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$780
DEMAND CHARGE =	$765
ENERGY TOTAL COST =	$1,545

AREA 7 - Base Lift 6

SELECT TRAIL NAME FROM LIST	
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK
TRAIL LENGTH (FT)	100
TRAIL AREA (SF)	17804
ENTER PHASE SNOW DEPTH (FT)	1.5
ENTER TEMPERATURE (DEGREES F)	22 (between 8 and 26 degrees)
WATER VOL. REQ'D (MG)	0.1

GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	30	22	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)	370	55	100	0	0	0
ENTER GUN SPACING (FT)	0	0	0	0	50	0
# OF GUNS	0	0	0	0	2	0
TOTAL GUN WATER USAGE (GPM)	0	0	0	0	76	0
TOTAL GUN AIR USAGE (CFM)	0	0	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
	LOWER	0.1	POLECAT (KW)	0	30	0

TOTAL TRAIL WATER FLOW (GPM)	76
TRAIL WATER PUMPING (KW)	19
TRAIL WATER PUMPING (KWH)	542
TRAIL PUMPING COST	$27
TOTAL TRAIL WATER VOLUME (MG)	0.1
TOTAL TRAIL AIR FLOW (CFM)	0
TRAIL AIR (KW)	0
TRAIL AIR (KWH)	0
TRAIL AIR COST	$0
TOTAL TRAIL AIR VOLUME (MCF)	0.0
TRAIL POLECAT (KW)	30
TRAIL POLECAT (KWH)	855
TRAIL POLECAT COST	$43
TIME TO COMPLETE (HRS)	28.5

TRAIL ON PEAK DEMAND (KW) =	49
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$224
DEMAND CHARGE =	$368
ENERGY TOTAL COST =	$591

CONNECT 2 -Ridge Lift 7 to Wanatuska

SELECT TRAIL NAME FROM LIST	
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK
TRAIL LENGTH (FT)	690
TRAIL AREA (SF)	21162
ENTER PHASE SNOW DEPTH (FT)	1.5
ENTER TEMPERATURE (DEGREES F)	22 (between 8 and 26 degrees)
WATER VOL. REQ'D (MG)	0.2

GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	30	22	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)	370	55	100	0	0	0
ENTER GUN SPACING (FT)	0	0	0	0	500	0
# OF GUNS	0	0	0	0	2	0
TOTAL GUN WATER USAGE (GPM)	0	0	0	0	76	0
TOTAL GUN AIR USAGE (CFM)	0	0	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
	UPPER	0.2	POLECAT (KW)	0	30	0

TOTAL TRAIL WATER FLOW (GPM)	76
TRAIL WATER PUMPING (KW)	28
TRAIL WATER PUMPING (KWH)	1232
TRAIL PUMPING COST	$207
TOTAL TRAIL WATER VOLUME (MG)	0.2
TOTAL TRAIL AIR FLOW (CFM)	0
TRAIL AIR (KW)	0
TRAIL AIR (KWH)	0
TRAIL AIR COST	$0
TOTAL TRAIL AIR VOLUME (MCF)	0.0
TRAIL POLECAT (KW)	30
TRAIL POLECAT (KWH)	1020
TRAIL POLECAT COST	$51
TIME TO COMPLETE (HRS)	34.0

TRAIL ON PEAK DEMAND (KW) =	68
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$370
DEMAND CHARGE =	$510
ENERGY TOTAL COST =	$880

CONNECT 3 - Ridge Lift 6 to Roaring Brook

SELECT TRAIL NAME FROM LIST		
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK	
TRAIL LENGTH (FT)		454
TRAIL AREA (SF)		24198
ENTER PHASE SNOW DEPTH (FT)		1.5
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 26 degrees)
WATER VOL. REQ'D (MG)		0.2

GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	30	22	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)	370	55	100	0	0	0
ENTER GUN SPACING (FT)	0	0	0	0	300	0
# OF GUNS	0	0	0	0	2	0
TOTAL GUN WATER USAGE (GPM)	0	0	0	0	76	0
TOTAL GUN AIR USAGE (CFM)	0	0	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
	UPPER	0.2	POLECAT (KW)	0	30	0

TOTAL TRAIL WATER FLOW (GPM)	76		
TRAIL WATER PUMPING (KW)	38		
TRAIL WATER PUMPING (KWH)	1475		
TRAIL PUMPING COST	$238		
TOTAL TRAIL WATER VOLUME (MG)	0.2		
TOTAL TRAIL AIR FLOW (CFM)	0		
TRAIL AIR (KW)	0		
TRAIL AIR (KWH)	0		
TRAIL AIR COST	$0	TRAIL ON PEAK DEMAND (KW) =	68
TOTAL TRAIL AIR VOLUME (MCF)	0.0	TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL POLECAT (KW)	30	TRAIL ENERGY USE COST =	$422
TRAIL POLECAT (KWH)	1163	DEMAND CHARGE =	$510
TRAIL POLECAT COST	$188	ENERGY TOTAL COST =	$932
TIME TO COMPLETE (HRS)	38.8		

CONNECT 5 - Mid Station Access Rd.

SELECT TRAIL NAME FROM LIST		
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK	
TRAIL LENGTH (FT)		925
TRAIL AREA (SF)		22680
ENTER PHASE SNOW DEPTH (FT)		1.5
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 26 degrees)
WATER VOL. REQ'D (MG)		0.2

GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	30	22	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)	370	55	100	0	0	0
ENTER GUN SPACING (FT)	0	0	0	0	500	0
# OF GUNS	0	0	0	0	2	0
TOTAL GUN WATER USAGE (GPM)	0	0	0	0	76	0
TOTAL GUN AIR USAGE (CFM)	0	0	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
	UPPER	0.2	POLECAT (KW)	0	30	0

TOTAL TRAIL WATER FLOW (GPM)	76		
TRAIL WATER PUMPING (KW)	38		
TRAIL WATER PUMPING (KWH)	1383		
TRAIL PUMPING COST	$224		
TOTAL TRAIL WATER VOLUME (MG)	0.2		
TOTAL TRAIL AIR FLOW (CFM)	0		
TRAIL AIR (KW)	0		
TRAIL AIR (KWH)	0		
TRAIL AIR COST	$0	TRAIL ON PEAK DEMAND (KW) =	68
TOTAL TRAIL AIR VOLUME (MCF)	0.0	TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL POLECAT (KW)	30	TRAIL ENERGY USE COST =	$396
TRAIL POLECAT (KWH)	1091	DEMAND CHARGE =	$510
TRAIL POLECAT COST	$176	ENERGY TOTAL COST =	$906
TIME TO COMPLETE (HRS)	36.4		

CONNECT 7 - Winnisook to Wanatuska

SELECT TRAIL NAME FROM LIST		
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK	
TRAIL LENGTH (FT)		507
TRAIL AREA (SF)		14036
ENTER PHASE SNOW DEPTH (FT)		1.5
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 26 degrees)
WATER VOL. REQ'D (MG)		0.1

GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	30	22	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)	370	55	100	0	0	0
ENTER GUN SPACING (FT)	0	300	0	0	0	0
# OF GUNS	0	2	0	0	0	0
TOTAL GUN WATER USAGE (GPM)	0	44	0	0	0	0
TOTAL GUN AIR USAGE (CFM)	0	110	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
	UPPER	0.1	POLECAT (KW)	0	0	0

TOTAL TRAIL WATER FLOW (GPM)	44		
TRAIL WATER PUMPING (KW)	22		
TRAIL WATER PUMPING (KWH)	668		
TRAIL PUMPING COST	$107		
TOTAL TRAIL WATER VOLUME (MG)	0.1		
TOTAL TRAIL AIR FLOW (CFM)	110		
TRAIL AIR (KW)	17		
TRAIL AIR (KWH)	665		
TRAIL AIR COST	$107	TRAIL ON PEAK DEMAND (KW) =	39
TOTAL TRAIL AIR VOLUME (MCF)	0.0	TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL POLECAT (KW)	0	TRAIL ENERGY USE COST =	$244
TRAIL POLECAT (KWH)	0	DEMAND CHARGE =	$293
TRAIL POLECAT COST	$0	ENERGY TOTAL COST =	$537
TIME TO COMPLETE (HRS)	39.0		

CONNECT 9 - Winnisook to Tongora

SELECT TRAIL NAME FROM LIST							
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK						
TRAIL LENGTH (FT)		221					
TRAIL AREA (SF)		7310					
ENTER PHASE SNOW DEPTH (FT)		1.5					
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 28 degrees)					
WATER VOL. REQ'D (MG)		0.1					
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)		30	22	30	56	36	24
IND. GUN AIR FLOW RATE (CFM)		370	55	100	0	0	0
ENTER GUN SPACING (FT)		0	300	0	0	0	0
# OF GUNS		0	1	0	0	0	0
TOTAL GUN WATER USAGE (GPM)		0	22	0	0	0	0
TOTAL GUN AIR USAGE (CFM)		0	55	0	0	0	0
				POLECAT (KW/UNIT)	26.5	15	9.375
TOTAL TRAIL WATER FLOW (GPM)	22	UPPER	0.1	POLECAT (KW)	0	0	0
TRAIL WATER PUMPING (KW)	11						
TRAIL WATER PUMPING (KWH)	150						
TRAIL PUMPING COST	$22						
TOTAL TRAIL WATER VOLUME (MG)	0.1						
TOTAL TRAIL AIR FLOW (CFM)	55						
TRAIL AIR (KW)	0						
TRAIL AIR (KWH)	249						
TRAIL AIR COST	$38						
TOTAL TRAIL AIR VOLUME (MCF)	0.1						
TRAIL POLECAT (KW)	0						
TRAIL POLECAT (KWH)	0						
TRAIL POLECAT COST	$0						
TIME TO COMPLETE (HRS)	40.9						

TRAIL ON PEAK DEMAND (KW) =	20
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$128
DEMAND CHARGE =	$146
ENERGY TOTAL COST =	$274

CONNECT 10 - Belleayre Run to Onteora

SELECT TRAIL NAME FROM LIST							
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK						
TRAIL LENGTH (FT)		226					
TRAIL AREA (SF)		4300					
ENTER PHASE SNOW DEPTH (FT)		1.5					
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 28 degrees)					
WATER VOL. REQ'D (MG)		0.0					
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)		30	22	30	56	36	24
IND. GUN AIR FLOW RATE (CFM)		370	55	100	0	0	0
ENTER GUN SPACING (FT)		0	300	0	0	0	0
# OF GUNS		0	1	0	0	0	0
TOTAL GUN WATER USAGE (GPM)		0	22	0	0	0	0
TOTAL GUN AIR USAGE (CFM)		0	55	0	0	0	0
				POLECAT (KW/UNIT)	26.5	15	9.375
TOTAL TRAIL WATER FLOW (GPM)	22	UPPER	0.0	POLECAT (KW)	0	0	0
TRAIL WATER PUMPING (KW)	11						
TRAIL WATER PUMPING (KWH)	297						
TRAIL PUMPING COST	$43						
TOTAL TRAIL WATER VOLUME (MG)	0.0						
TOTAL TRAIL AIR FLOW (CFM)	55						
TRAIL AIR (KW)	0						
TRAIL AIR (KWH)	207						
TRAIL AIR COST	$33						
TOTAL TRAIL AIR VOLUME (MCF)	0.1						
TRAIL POLECAT (KW)	0						
TRAIL POLECAT (KWH)	0						
TRAIL POLECAT COST	$0						
TIME TO COMPLETE (HRS)	24.2						

TRAIL ON PEAK DEMAND (KW) =	20
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$76
DEMAND CHARGE =	$146
ENERGY TOTAL COST =	$222

Ashokan Section A

SELECT TRAIL NAME FROM LIST							
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK						
TRAIL LENGTH (FT)		1130					
TRAIL AREA (SF)		74689					
ENTER PHASE SNOW DEPTH (FT)		1.5					
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 28 degrees)					
WATER VOL. REQ'D (MG)		0.5					
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)		30	22	30	56	36	24
IND. GUN AIR FLOW RATE (CFM)		370	55	100	0	0	0
ENTER GUN SPACING (FT)		0	100	0	0	0	0
# OF GUNS		0	12	0	0	0	0
TOTAL GUN WATER USAGE (GPM)		0	264	0	0	0	0
TOTAL GUN AIR USAGE (CFM)		0	660	0	0	0	0
				POLECAT (KW/UNIT)	26.5	15	9.375
TOTAL TRAIL WATER FLOW (GPM)	264	LOWER	0.5	POLECAT (KW)	0	0	0
TRAIL WATER PUMPING (KW)	83						
TRAIL WATER PUMPING (KWH)	2270						
TRAIL PUMPING COST	$388						
TOTAL TRAIL WATER VOLUME (MG)	0.5						
TOTAL TRAIL AIR FLOW (CFM)	660						
TRAIL AIR (KW)	102						
TRAIL AIR (KWH)	3722						
TRAIL AIR COST	$591						
TOTAL TRAIL AIR VOLUME (MCF)	1.0						
TRAIL POLECAT (KW)	0						
TRAIL POLECAT (KWH)	0						
TRAIL POLECAT COST	$0						
TIME TO COMPLETE (HRS)	34.4						

TRAIL ON PEAK DEMAND (KW) =	168
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$927
DEMAND CHARGE =	$1,263
ENERGY TOTAL COST =	$2,190

SELECT TRAIL NAME FROM LIST — Ashokan Bottom Extension

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK						
TRAIL LENGTH (FT)		490					
TRAIL AREA (SF)		25730					
ENTER PHASE SNOW DEPTH (FT)		1.5					
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 26 degrees)					
WATER VOL. REQ'D (MG)		0.2					
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)		30	22	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)		370	55	100	0	0	0
ENTER GUN SPACING (FT)		0	0	0	0	200	0
# OF GUNS		0	0	0	0	3	0
TOTAL GUN WATER USAGE (GPM)		0	0	0	0	114	0
TOTAL GUN AIR USAGE (CFM)		0	0	0	0	0	0
				POLECAT (KW/UNIT)	26.5	15	9.375
TOTAL TRAIL WATER FLOW (GPM)	[redacted]	LOWER	0.2	POLECAT (KW)	0	45	0
TRAIL WATER PUMPING (KW)	[redacted]						
TRAIL WATER PUMPING (KWH)	[redacted]						
TRAIL PUMPING COST	[redacted]						
TOTAL TRAIL WATER VOLUME (MG)	[redacted]						
TOTAL TRAIL AIR FLOW (CFM)	[redacted]						
TRAIL AIR (KW)	[redacted]						
TRAIL AIR (KWH)	[redacted]						
TRAIL AIR COST	[redacted]		TRAIL ON PEAK DEMAND (KW) =		74		
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]		TRAIL OFF PEAK DEMAND (KW) =		0		
TRAIL POLECAT (KW)	[redacted]		TRAIL ENERGY USE COST =		$335		
TRAIL POLECAT (KWH)	[redacted]		DEMAND CHARGE =		$551		
TRAIL POLECAT COST	[redacted]		ENERGY TOTAL COST =		$887		
TIME TO COMPLETE (HRS)	28.5						

SELECT TRAIL NAME FROM LIST — The Canyon Lower Section B

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK						
TRAIL LENGTH (FT)		361					
TRAIL AREA (SF)		32208					
ENTER PHASE SNOW DEPTH (FT)		1.5					
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 26 degrees)					
WATER VOL. REQ'D (MG)		0.2					
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)		30	22	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)		370	55	100	0	0	0
ENTER GUN SPACING (FT)		0	0	0	0	125	0
# OF GUNS		0	0	0	0	3	0
TOTAL GUN WATER USAGE (GPM)		0	0	0	0	114	0
TOTAL GUN AIR USAGE (CFM)		0	0	0	0	0	0
				POLECAT (KW/UNIT)	26.5	15	9.375
TOTAL TRAIL WATER FLOW (GPM)	[redacted]	LOWER	0.2	POLECAT (KW)	0	45	0
TRAIL WATER PUMPING (KW)	[redacted]						
TRAIL WATER PUMPING (KWH)	[redacted]						
TRAIL PUMPING COST	[redacted]						
TOTAL TRAIL WATER VOLUME (MG)	[redacted]						
TOTAL TRAIL AIR FLOW (CFM)	[redacted]						
TRAIL AIR (KW)	[redacted]						
TRAIL AIR (KWH)	[redacted]						
TRAIL AIR COST	[redacted]		TRAIL ON PEAK DEMAND (KW) =		74		
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]		TRAIL OFF PEAK DEMAND (KW) =		0		
TRAIL POLECAT (KW)	[redacted]		TRAIL ENERGY USE COST =		$404		
TRAIL POLECAT (KWH)	[redacted]		DEMAND CHARGE =		$551		
TRAIL POLECAT COST	[redacted]		ENERGY TOTAL COST =		$955		
TIME TO COMPLETE (HRS)	34.4						

SELECT TRAIL NAME FROM LIST — Easy In Section A

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK						
TRAIL LENGTH (FT)		263					
TRAIL AREA (SF)		19460					
ENTER PHASE SNOW DEPTH (FT)		1.5					
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 26 degrees)					
WATER VOL. REQ'D (MG)		0.1					
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)		30	22	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)		370	55	100	0	0	0
ENTER GUN SPACING (FT)		0	0	0	0	150	0
# OF GUNS		0	0	0	0	2	0
TOTAL GUN WATER USAGE (GPM)		0	0	0	0	76	0
TOTAL GUN AIR USAGE (CFM)		0	0	0	0	0	0
				POLECAT (KW/UNIT)	26.5	15	9.375
TOTAL TRAIL WATER FLOW (GPM)	[redacted]	LOWER	0.1	POLECAT (KW)	0	30	0
TRAIL WATER PUMPING (KW)	[redacted]						
TRAIL WATER PUMPING (KWH)	[redacted]						
TRAIL PUMPING COST	[redacted]						
TOTAL TRAIL WATER VOLUME (MG)	[redacted]						
TOTAL TRAIL AIR FLOW (CFM)	[redacted]						
TRAIL AIR (KW)	[redacted]						
TRAIL AIR (KWH)	[redacted]						
TRAIL AIR COST	[redacted]		TRAIL ON PEAK DEMAND (KW) =		49		
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]		TRAIL OFF PEAK DEMAND (KW) =		0		
TRAIL POLECAT (KW)	[redacted]		TRAIL ENERGY USE COST =		$244		
TRAIL POLECAT (KWH)	[redacted]		DEMAND CHARGE =		$368		
TRAIL POLECAT COST	[redacted]		ENERGY TOTAL COST =		$612		
TIME TO COMPLETE (HRS)	31.1						

SELECT TRAIL NAME FROM LIST — Easy Out Section A

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK	
TRAIL LENGTH (FT)		300
TRAIL AREA (SF)		15540
ENTER PHASE SNOW DEPTH (FT)		1.5
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 26 degrees)
WATER VOL. REQ'D (MG)		0.1

GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	30	22	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)	370	55	100	0	0	0
ENTER GUN SPACING (FT)	0	0	0	0	250	0
# OF GUNS	0	0	0	0	2	0
TOTAL GUN WATER USAGE (GPM)	0	0	0	0	76	0
TOTAL GUN AIR USAGE (CFM)	0	0	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
	LOWER	0.1	POLECAT (KW)	0	30	0

TOTAL TRAIL WATER FLOW (GPM)	[redacted]	
TRAIL WATER PUMPING (KW)	[redacted]	
TRAIL WATER PUMPING (KWH)	[redacted]	
TRAIL PUMPING COST	[redacted]	
TOTAL TRAIL WATER VOLUME (MG)	[redacted]	
TOTAL TRAIL AIR FLOW (CFM)	[redacted]	
TRAIL AIR (KW)	[redacted]	
TRAIL AIR (KWH)	[redacted]	
TRAIL AIR COST	[redacted]	
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]	
TRAIL POLECAT (KW)	[redacted]	
TRAIL POLECAT (KWH)	[redacted]	
TRAIL POLECAT COST	[redacted]	
TIME TO COMPLETE (HRS)	25.0	

TRAIL ON PEAK DEMAND (KW) =	49
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	**$196**
DEMAND CHARGE =	**$368**
ENERGY TOTAL COST =	**$564**

SELECT TRAIL NAME FROM LIST — Discovery Way

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK	
TRAIL LENGTH (FT)		2836
TRAIL AREA (SF)		128738
ENTER PHASE SNOW DEPTH (FT)		1.5
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 26 degrees)
WATER VOL. REQ'D (MG)		0.9

GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	30	22	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)	370	55	100	0	0	0
ENTER GUN SPACING (FT)	0	80	0	0	0	0
# OF GUNS	0	36	0	0	0	0
TOTAL GUN WATER USAGE (GPM)	0	792	0	0	0	0
TOTAL GUN AIR USAGE (CFM)	0	1980	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
	LOWER	0.9	POLECAT (KW)	0	0	0

TOTAL TRAIL WATER FLOW (GPM)	[redacted]	
TRAIL WATER PUMPING (KW)	[redacted]	
TRAIL WATER PUMPING (KWH)	[redacted]	
TRAIL PUMPING COST	[redacted]	
TOTAL TRAIL WATER VOLUME (MG)	[redacted]	
TOTAL TRAIL AIR FLOW (CFM)	[redacted]	
TRAIL AIR (KW)	[redacted]	
TRAIL AIR (KWH)	[redacted]	
TRAIL AIR COST	[redacted]	
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]	
TRAIL POLECAT (KW)	[redacted]	
TRAIL POLECAT (KWH)	[redacted]	
TRAIL POLECAT COST	[redacted]	
TIME TO COMPLETE (HRS)	19.8	

TRAIL ON PEAK DEMAND (KW) =	505
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	**$1,597**
DEMAND CHARGE =	**$3,788**
ENERGY TOTAL COST =	**$5,385**

SELECT TRAIL NAME FROM LIST — Little Creek

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK	
TRAIL LENGTH (FT)		685
TRAIL AREA (SF)		123156
ENTER PHASE SNOW DEPTH (FT)		1.5
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 26 degrees)
WATER VOL. REQ'D (MG)		0.9

GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	30	22	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)	370	55	100	0	0	0
ENTER GUN SPACING (FT)	0	0	0	0	50	0
# OF GUNS	0	0	0	0	14	0
TOTAL GUN WATER USAGE (GPM)	0	0	0	0	532	0
TOTAL GUN AIR USAGE (CFM)	0	0	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
	LOWER	0.9	POLECAT (KW)	0	210	0

TOTAL TRAIL WATER FLOW (GPM)	[redacted]	
TRAIL WATER PUMPING (KW)	[redacted]	
TRAIL WATER PUMPING (KWH)	[redacted]	
TRAIL PUMPING COST	[redacted]	
TOTAL TRAIL WATER VOLUME (MG)	[redacted]	
TOTAL TRAIL AIR FLOW (CFM)	[redacted]	
TRAIL AIR (KW)	[redacted]	
TRAIL AIR (KWH)	[redacted]	
TRAIL AIR COST	[redacted]	
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]	
TRAIL POLECAT (KW)	[redacted]	
TRAIL POLECAT (KWH)	[redacted]	
TRAIL POLECAT COST	[redacted]	
TIME TO COMPLETE (HRS)	28.2	

TRAIL ON PEAK DEMAND (KW) =	343
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	**$1,546**
DEMAND CHARGE =	**$2,573**
ENERGY TOTAL COST =	**$4,118**

SELECT TRAIL NAME FROM LIST — Winnisook Upper

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK	
TRAIL LENGTH (FT)	531	
TRAIL AREA (SF)	45958	
ENTER PHASE SNOW DEPTH (FT)	1.5	
ENTER TEMPERATURE (DEGREES F)	22	(between 8 and 26 degrees)
WATER VOL. REQ'D (MG)	0.3	

GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	30	22	30	56	36	24
IND. GUN AIR FLOW RATE (CFM)	370	55	100	0	0	0
ENTER GUN SPACING (FT)	100	0	0	0	0	0
# OF GUNS	6	0	0	0	0	0
TOTAL GUN WATER USAGE (GPM)	180	0	0	0	0	0
TOTAL GUN AIR USAGE (CFM)	2220	0	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
			POLECAT (KW)	0	0	0

TOTAL TRAIL WATER FLOW (GPM)	180	UPPER	0.3
TRAIL WATER PUMPING (KW)	80		
TRAIL WATER PUMPING (KWH)	2800		
TRAIL PUMPING COST	$148		
TOTAL TRAIL WATER VOLUME (MG)	0.3		
TOTAL TRAIL AIR FLOW (CFM)	2220		
TRAIL AIR (KW)	84		
TRAIL AIR (KWH)	10712		
TRAIL AIR COST	$1,713		
TOTAL TRAIL AIR VOLUME (MCF)	43		
TRAIL POLECAT (KW)	0		
TRAIL POLECAT (KWH)	0		
TRAIL POLECAT COST	$0		
TIME TO COMPLETE (HRS)	31.1		

TRAIL ON PEAK DEMAND (KW) =	434
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$2,162
DEMAND CHARGE =	$3,257
ENERGY TOTAL COST =	$5,419

SELECT TRAIL NAME FROM LIST — Winnisook Lower

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK	
TRAIL LENGTH (FT)	2145	
TRAIL AREA (SF)	114240	
ENTER PHASE SNOW DEPTH (FT)	1.6	
ENTER TEMPERATURE (DEGREES F)	22	(between 8 and 26 degrees)
WATER VOL. REQ'D (MG)	0.8	

GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	30	22	30	56	36	24
IND. GUN AIR FLOW RATE (CFM)	370	55	100	0	0	0
ENTER GUN SPACING (FT)	0	100	0	0	0	0
# OF GUNS	0	22	0	0	0	0
TOTAL GUN WATER USAGE (GPM)	0	484	0	0	0	0
TOTAL GUN AIR USAGE (CFM)	0	1210	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
			POLECAT (KW)	0	0	0

TOTAL TRAIL WATER FLOW (GPM)	484	UPPER	0.8
TRAIL WATER PUMPING (KW)	242		
TRAIL WATER PUMPING (KWH)	8086		
TRAIL PUMPING COST	$1,112		
TOTAL TRAIL WATER VOLUME (MG)	0.8		
TOTAL TRAIL AIR FLOW (CFM)	1210		
TRAIL AIR (KW)	138		
TRAIL AIR (KWH)	5390		
TRAIL AIR COST	$862		
TOTAL TRAIL AIR VOLUME (MCF)	21		
TRAIL POLECAT (KW)	0		
TRAIL POLECAT (KWH)	0		
TRAIL POLECAT COST	$0		
TIME TO COMPLETE (HRS)	28.7		

TRAIL ON PEAK DEMAND (KW) =	430
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$1,974
DEMAND CHARGE =	$3,223
ENERGY TOTAL COST =	$5,197

SNOWMAKING PHASE 3

UPPER WATER SYSTEM (GPM) =	6468
LOWER WATER SYSTEM (GPM) =	2548
AIR SYSTEM (CFM):	35270
UPPER WATER SYSTEM VOL (MG)	10.3
LOWER WATER SYSTEM VOL (MG)	3.3
PHASE WATER VOL (MG)	13.6
SNOWMAKING AREA (AC)	42.9
ON PEAK DEMAND (KW)	10954.9
OFF PEAK DEMAND (KW)	0.0
PHASE ENERGY USE COST	$45,857

SNOW GIANT HIGH E	76
SKY GIANT LOW E	130
HKD SV10 LOW E	0
SUPER POLECAT	19
STD POLECAT	74
KID POLECAT	0

WATER PUMPING (KWH)	99692
STATIONARY AIR (KWH)	149643
POLECAT (KWH)	37273
TOTAL (KWH)	286608

SELECT TRAIL NAME FROM LIST — Area 51

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK					
TRAIL LENGTH (FT)		1897				
TRAIL AREA (SF)		221623				
ENTER PHASE SNOW DEPTH (FT)		1.5				
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 26 degrees)				
WATER VOL. REQ'D (MG)		1.6				
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT
IND. GUN WATER FLOW RATE (GPM)		30	22	30	56	38
IND. GUN AIR FLOW RATE (CFM)		370	55	100	0	0
ENTER GUN SPACING (FT)		0	0	0	100	0
# OF GUNS		0	0	0	19	0
TOTAL GUN WATER USAGE (GPM)		0	0	0	1064	0
TOTAL GUN AIR USAGE (CFM)		0	0	0	0	0
				POLECAT (KW/UNIT)	26.5	15
TOTAL TRAIL WATER FLOW (GPM)	1064	UPPER	1.6	POLECAT (KW)	503.5	0
TRAIL WATER PUMPING (KW)	592					
TRAIL WATER PUMPING (KWH)	19175					
TRAIL PUMPING COST	$2,155					
TOTAL TRAIL WATER VOLUME (MG)	1.6					
TOTAL TRAIL AIR FLOW (CFM)	0					
TRAIL AIR (KW)	0					
TRAIL AIR (KWH)	0					
TRAIL AIR COST	$0					
TOTAL TRAIL AIR VOLUME (MCF)	0.0					
TRAIL POLECAT (KW)	504					
TRAIL POLECAT (KWH)	13795					
TRAIL POLECAT COST	$2,041					
TIME TO COMPLETE (HRS)	25.3					

TRAIL ON PEAK DEMAND (KW) =	1036
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$4,197
DEMAND CHARGE =	$7,766
ENERGY TOTAL COST =	$11,963

SELECT TRAIL NAME FROM LIST — Seneca Upper

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK					
TRAIL LENGTH (FT)		1131				
TRAIL AREA (SF)		85160				
ENTER PHASE SNOW DEPTH (FT)		1.5				
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 26 degrees)				
WATER VOL. REQ'D (MG)		0.6				
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT
IND. GUN WATER FLOW RATE (GPM)		30	22	30	56	38
IND. GUN AIR FLOW RATE (CFM)		370	55	100	0	0
ENTER GUN SPACING (FT)		100	0	0	0	0
# OF GUNS		12	0	0	0	0
TOTAL GUN WATER USAGE (GPM)		360	0	0	0	0
TOTAL GUN AIR USAGE (CFM)		4440	0	0	0	0
				POLECAT (KW/UNIT)	26.5	15
TOTAL TRAIL WATER FLOW (GPM)	360	UPPER	0.6	POLECAT (KW)	0	0
TRAIL WATER PUMPING (KW)	100					
TRAIL WATER PUMPING (KWH)	7158					
TRAIL PUMPING COST	$729					
TOTAL TRAIL WATER VOLUME (MG)	0.6					
TOTAL TRAIL AIR FLOW (CFM)	4440					
TRAIL AIR (KW)	669					
TRAIL AIR (KWH)	19380					
TRAIL AIR COST	$1,973					
TOTAL TRAIL AIR VOLUME (MCF)	0.7					
TRAIL POLECAT (KW)	0					
TRAIL POLECAT (KWH)	0					
TRAIL POLECAT COST	$0					
TIME TO COMPLETE (HRS)	28.8					

TRAIL ON PEAK DEMAND (KW) =	669
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$4,002
DEMAND CHARGE =	$6,515
ENERGY TOTAL COST =	$10,517

SELECT TRAIL NAME FROM LIST — Seneca Lower

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK					
TRAIL LENGTH (FT)		1825				
TRAIL AREA (SF)		139026				
ENTER PHASE SNOW DEPTH (FT)		1.5				
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 26 degrees)				
WATER VOL. REQ'D (MG)		1.0				
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT
IND. GUN WATER FLOW RATE (GPM)		30	22	30	56	38
IND. GUN AIR FLOW RATE (CFM)		370	55	100	0	0
ENTER GUN SPACING (FT)		300	100	0	0	0
# OF GUNS		7	19	0	0	0
TOTAL GUN WATER USAGE (GPM)		210	418	0	0	0
TOTAL GUN AIR USAGE (CFM)		2590	1045	0	0	0
TOTAL TRAIL WATER FLOW (GPM)	[redacted]	UPPER	1.0	POLECAT (KW/UNIT)	26.5	15
TRAIL WATER PUMPING (KW)	[redacted]			POLECAT (KW)	0	0
TRAIL WATER PUMPING (KWH)	[redacted]					
TRAIL PUMPING COST	[redacted]					
TOTAL TRAIL WATER VOLUME (MG)	[redacted]					
TOTAL TRAIL AIR FLOW (CFM)	[redacted]					
TRAIL AIR (KW)	[redacted]					
TRAIL AIR (KWH)	[redacted]					
TRAIL AIR COST	[redacted]					
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]					
TRAIL POLECAT (KW)	[redacted]					
TRAIL POLECAT (KWH)	[redacted]					
TRAIL POLECAT COST	[redacted]					
TIME TO COMPLETE (HRS)	26.9					

TRAIL ON PEAK DEMAND (KW) =	678
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	**$3,780**
DEMAND CHARGE =	**$6,583**
ENERGY TOTAL COST =	**$10,363**

SELECT TRAIL NAME FROM LIST — Tuscarora

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK					
TRAIL LENGTH (FT)		677				
TRAIL AREA (SF)		54510				
ENTER PHASE SNOW DEPTH (FT)		1.5				
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 26 degrees)				
WATER VOL. REQ'D (MG)		0.4				
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT
IND. GUN WATER FLOW RATE (GPM)		30	22	30	56	38
IND. GUN AIR FLOW RATE (CFM)		370	55	100	0	0
ENTER GUN SPACING (FT)		300	100	0	0	0
# OF GUNS		3	7	0	0	0
TOTAL GUN WATER USAGE (GPM)		90	154	0	0	0
TOTAL GUN AIR USAGE (CFM)		1110	385	0	0	0
TOTAL TRAIL WATER FLOW (GPM)	[redacted]	UPPER	0.4	POLECAT (KW/UNIT)	26.5	15
TRAIL WATER PUMPING (KW)	[redacted]			POLECAT (KW)	0	0
TRAIL WATER PUMPING (KWH)	[redacted]					
TRAIL PUMPING COST	[redacted]					
TOTAL TRAIL WATER VOLUME (MG)	[redacted]					
TOTAL TRAIL AIR FLOW (CFM)	[redacted]					
TRAIL AIR (KW)	[redacted]					
TRAIL AIR (KWH)	[redacted]					
TRAIL AIR COST	[redacted]					
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]					
TRAIL POLECAT (KW)	[redacted]					
TRAIL POLECAT (KWH)	[redacted]					
TRAIL POLECAT COST	[redacted]					
TIME TO COMPLETE (HRS)	27.2					

TRAIL ON PEAK DEMAND (KW) =	354
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	**$1,539**
DEMAND CHARGE =	**$2,654**
ENERGY TOTAL COST =	**$4,193**

SELECT TRAIL NAME FROM LIST — Peekamoose Upper

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK					
TRAIL LENGTH (FT)		1082				
TRAIL AREA (SF)		85268				
ENTER PHASE SNOW DEPTH (FT)		1.5				
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 26 degrees)				
WATER VOL. REQ'D (MG)		0.6				
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT
IND. GUN WATER FLOW RATE (GPM)		30	22	30	56	38
IND. GUN AIR FLOW RATE (CFM)		370	55	100	0	0
ENTER GUN SPACING (FT)		100	0	0	0	0
# OF GUNS		11	0	0	0	0
TOTAL GUN WATER USAGE (GPM)		330	0	0	0	0
TOTAL GUN AIR USAGE (CFM)		4070	0	0	0	0
TOTAL TRAIL WATER FLOW (GPM)	[redacted]	UPPER	0.6	POLECAT (KW/UNIT)	26.5	15
TRAIL WATER PUMPING (KW)	[redacted]			POLECAT (KW)	0	0
TRAIL WATER PUMPING (KWH)	[redacted]					
TRAIL PUMPING COST	[redacted]					
TOTAL TRAIL WATER VOLUME (MG)	[redacted]					
TOTAL TRAIL AIR FLOW (CFM)	[redacted]					
TRAIL AIR (KW)	[redacted]					
TRAIL AIR (KWH)	[redacted]					
TRAIL AIR COST	[redacted]					
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]					
TRAIL POLECAT (KW)	[redacted]					
TRAIL POLECAT (KWH)	[redacted]					
TRAIL POLECAT COST	[redacted]					
TIME TO COMPLETE (HRS)	31.4					

TRAIL ON PEAK DEMAND (KW) =	796
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	**$4,002**
DEMAND CHARGE =	**$5,972**
ENERGY TOTAL COST =	**$9,974**

SELECT TRAIL NAME FROM LIST — Peekamoose Lower

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK					
TRAIL LENGTH (FT)		1469				
TRAIL AREA (SF)		87779				
ENTER PHASE SNOW DEPTH (FT)		1.5				
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 26 degrees)				
WATER VOL. REQ'D (MG)		0.6				
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT
IND. GUN WATER FLOW RATE (GPM)		30	22	30	56	38
IND. GUN AIR FLOW RATE (CFM)		370	55	100	0	0
ENTER GUN SPACING (FT)		400	100	0	0	0
# OF GUNS		4	15	0	0	0
TOTAL GUN WATER USAGE (GPM)		120	330	0	0	0
TOTAL GUN AIR USAGE (CFM)		1480	825	0	0	0
TOTAL TRAIL WATER FLOW (GPM)	360	UPPER	0.6	POLECAT (KW/UNIT)	26.5	15
TRAIL WATER PUMPING (KW)	225			POLECAT (KW)	0	0
TRAIL WATER PUMPING (KWH)	5342					
TRAIL PUMPING COST	$355					
TOTAL TRAIL WATER VOLUME (MG)	0.6					
TOTAL TRAIL AIR FLOW (CFM)	2305					
TRAIL AIR (KW)	353					
TRAIL AIR (KWH)	2487					
TRAIL AIR COST	$1,350					
TOTAL TRAIL AIR VOLUME (MCF)	33					
TRAIL POLECAT (KW)	0					
TRAIL POLECAT (KWH)	0					
TRAIL POLECAT COST	$0					
TIME TO COMPLETE (HRS)	23.7					

TRAIL ON PEAK DEMAND (KW) =	583
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	**$2,213**
DEMAND CHARGE =	**$4,369**
ENERGY TOTAL COST =	**$6,581**

SELECT TRAIL NAME FROM LIST — Pepacton

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK					
TRAIL LENGTH (FT)		1751				
TRAIL AREA (SF)		102339				
ENTER PHASE SNOW DEPTH (FT)		1.5				
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 26 degrees)				
WATER VOL. REQ'D (MG)		0.7				
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT
IND. GUN WATER FLOW RATE (GPM)		30	22	30	56	38
IND. GUN AIR FLOW RATE (CFM)		370	55	100	0	0
ENTER GUN SPACING (FT)		0	100	0	0	0
# OF GUNS		0	18	0	0	0
TOTAL GUN WATER USAGE (GPM)		0	396	0	0	0
TOTAL GUN AIR USAGE (CFM)		0	990	0	0	0
TOTAL TRAIL WATER FLOW (GPM)	396	UPPER	0.7	POLECAT (KW/UNIT)	26.5	15
TRAIL WATER PUMPING (KW)	195			POLECAT (KW)	0	0
TRAIL WATER PUMPING (KWH)	6225					
TRAIL PUMPING COST	$398					
TOTAL TRAIL WATER VOLUME (MG)	0.7					
TOTAL TRAIL AIR FLOW (CFM)	990					
TRAIL AIR (KW)	134					
TRAIL AIR (KWH)	1027					
TRAIL AIR COST	$772					
TOTAL TRAIL AIR VOLUME (MCF)	13					
TRAIL POLECAT (KW)	0					
TRAIL POLECAT (KWH)	0					
TRAIL POLECAT COST	$0					
TIME TO COMPLETE (HRS)	31.4					

TRAIL ON PEAK DEMAND (KW) =	352
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	**$1,768**
DEMAND CHARGE =	**$2,637**
ENERGY TOTAL COST =	**$4,405**

SELECT TRAIL NAME FROM LIST — Algonquin Upper

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK					
TRAIL LENGTH (FT)		1000				
TRAIL AREA (SF)		73416				
ENTER PHASE SNOW DEPTH (FT)		1.5				
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 26 degrees)				
WATER VOL. REQ'D (MG)		0.5				
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT
IND. GUN WATER FLOW RATE (GPM)		30	22	30	56	38
IND. GUN AIR FLOW RATE (CFM)		370	55	100	0	0
ENTER GUN SPACING (FT)		100	0	0	0	0
# OF GUNS		10	0	0	0	0
TOTAL GUN WATER USAGE (GPM)		300	0	0	0	0
TOTAL GUN AIR USAGE (CFM)		3700	0	0	0	0
TOTAL TRAIL WATER FLOW (GPM)	300	UPPER	0.5	POLECAT (KW/UNIT)	26.5	15
TRAIL WATER PUMPING (KW)	139			POLECAT (KW)	0	0
TRAIL WATER PUMPING (KWH)	4167					
TRAIL PUMPING COST	$276					
TOTAL TRAIL WATER VOLUME (MG)	0.5					
TOTAL TRAIL AIR FLOW (CFM)	3700					
TRAIL AIR (KW)	524					
TRAIL AIR (KWH)	7080					
TRAIL AIR COST	$2,731					
TOTAL TRAIL AIR VOLUME (MCF)	66					
TRAIL POLECAT (KW)	0					
TRAIL POLECAT (KWH)	0					
TRAIL POLECAT COST	$0					
TIME TO COMPLETE (HRS)	29.8					

TRAIL ON PEAK DEMAND (KW) =	724
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	**$3,449**
DEMAND CHARGE =	**$5,429**
ENERGY TOTAL COST =	**$8,878**

SELECT TRAIL NAME FROM LIST — Algonquin Lower

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK					
TRAIL LENGTH (FT)		1501				
TRAIL AREA (SF)		106979				
ENTER PHASE SNOW DEPTH (FT)		1.5				
ENTER TEMPERATURE (DEGREES F)		22	(between 8 and 26 degrees)			
WATER VOL. REQ'D (MG)		0.8				
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT
IND. GUN WATER FLOW RATE (GPM)		30	22	30	56	38
IND. GUN AIR FLOW RATE (CFM)		370	55	100	0	0
ENTER GUN SPACING (FT)		600	100	0	0	0
# OF GUNS		3	16	0	0	0
TOTAL GUN WATER USAGE (GPM)		90	352	0	0	0
TOTAL GUN AIR USAGE (CFM)		1110	880	0	0	0
				POLECAT (KW/UNIT)	26.5	15
TOTAL TRAIL WATER FLOW (GPM)	442	UPPER	0.8	POLECAT (KW)	0	0
TRAIL WATER PUMPING (KW)	221					
TRAIL WATER PUMPING (KWH)	8568					
TRAIL PUMPING COST	$1,041					
TOTAL TRAIL WATER VOLUME (MG)	0.8					
TOTAL TRAIL AIR FLOW (CFM)	1990					
TRAIL AIR (KW)	309					
TRAIL AIR (KWH)	9360					
TRAIL AIR COST	$1,454		TRAIL ON PEAK DEMAND (KW) =		530	
TOTAL TRAIL AIR VOLUME (MCF)	3.6		TRAIL OFF PEAK DEMAND (KW) =		0	
TRAIL POLECAT (KW)	0		TRAIL ENERGY USE COST =		$2,496	
TRAIL POLECAT (KWH)	0		DEMAND CHARGE =		$3,972	
TRAIL POLECAT COST	$0		ENERGY TOTAL COST =		$6,468	
TIME TO COMPLETE (HRS)	29.4					

SELECT TRAIL NAME FROM LIST — Tomahawk Crossing

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK					
TRAIL LENGTH (FT)		1961				
TRAIL AREA (SF)		115369				
ENTER PHASE SNOW DEPTH (FT)		1.5				
ENTER TEMPERATURE (DEGREES F)		22	(between 8 and 26 degrees)			
WATER VOL. REQ'D (MG)		0.9				
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT
IND. GUN WATER FLOW RATE (GPM)		30	22	30	56	38
IND. GUN AIR FLOW RATE (CFM)		370	55	100	0	0
ENTER GUN SPACING (FT)		0	80	0	0	0
# OF GUNS		0	25	0	0	0
TOTAL GUN WATER USAGE (GPM)		0	550	0	0	0
TOTAL GUN AIR USAGE (CFM)		0	1375	0	0	0
				POLECAT (KW/UNIT)	26.5	15
TOTAL TRAIL WATER FLOW (GPM)	550	UPPER	0.9	POLECAT (KW)	0	0
TRAIL WATER PUMPING (KW)	275					
TRAIL WATER PUMPING (KWH)	7258					
TRAIL PUMPING COST	$1,191					
TOTAL TRAIL WATER VOLUME (MG)	0.9					
TOTAL TRAIL AIR FLOW (CFM)	1375					
TRAIL AIR (KW)	213					
TRAIL AIR (KWH)	5629					
TRAIL AIR COST	$924		TRAIL ON PEAK DEMAND (KW) =		488	
TOTAL TRAIL AIR VOLUME (MCF)	2.9		TRAIL OFF PEAK DEMAND (KW) =		0	
TRAIL POLECAT (KW)	0		TRAIL ENERGY USE COST =		$2,062	
TRAIL POLECAT (KWH)	0		DEMAND CHARGE =		$3,662	
TRAIL POLECAT COST	$0		ENERGY TOTAL COST =		$5,724	
TIME TO COMPLETE (HRS)	26.4					

SELECT TRAIL NAME FROM LIST — Expressway

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK					
TRAIL LENGTH (FT)		1662				
TRAIL AREA (SF)		70498				
ENTER PHASE SNOW DEPTH (FT)		1.5				
ENTER TEMPERATURE (DEGREES F)		22	(between 8 and 26 degrees)			
WATER VOL. REQ'D (MG)		0.5				
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT
IND. GUN WATER FLOW RATE (GPM)		30	22	30	56	38
IND. GUN AIR FLOW RATE (CFM)		370	55	100	0	0
ENTER GUN SPACING (FT)		0	100	0	0	0
# OF GUNS		0	17	0	0	0
TOTAL GUN WATER USAGE (GPM)		0	374	0	0	0
TOTAL GUN AIR USAGE (CFM)		0	935	0	0	0
				POLECAT (KW/UNIT)	26.5	15
TOTAL TRAIL WATER FLOW (GPM)	374	UPPER	0.5	POLECAT (KW)	0	0
TRAIL WATER PUMPING (KW)	187					
TRAIL WATER PUMPING (KWH)	4232					
TRAIL PUMPING COST	$657					
TOTAL TRAIL WATER VOLUME (MG)	0.5					
TOTAL TRAIL AIR FLOW (CFM)	935					
TRAIL AIR (KW)	145					
TRAIL AIR (KWH)	3821					
TRAIL AIR COST	$593		TRAIL ON PEAK DEMAND (KW) =		332	
TOTAL TRAIL AIR VOLUME (MCF)	1.9		TRAIL OFF PEAK DEMAND (KW) =		0	
TRAIL POLECAT (KW)	0		TRAIL ENERGY USE COST =		$1,219	
TRAIL POLECAT (KWH)	0		DEMAND CHARGE =		$2,490	
TRAIL POLECAT COST	$0		ENERGY TOTAL COST =		$3,709	
TIME TO COMPLETE (HRS)	23.0					

SELECT TRAIL NAME FROM LIST — CONNECT 1 - Ridge Lift 8 to Lift 7

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK					
TRAIL LENGTH (FT)		1177				
TRAIL AREA (SF)		40158				
ENTER PHASE SNOW DEPTH (FT)		1.5				
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 26 degrees)				
WATER VOL. REQ'D (MG)		0.3				
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT
IND. GUN WATER FLOW RATE (GPM)		30	22	30	56	38
IND. GUN AIR FLOW RATE (CFM)		370	55	100	0	0
ENTER GUN SPACING (FT)		0	0	0	0	200
# OF GUNS		0	0	0	0	6
TOTAL GUN WATER USAGE (GPM)		0	0	0	0	228
TOTAL GUN AIR USAGE (CFM)		0	0	0	0	0
				POLECAT (KW/UNIT)	26.5	15
TOTAL TRAIL WATER FLOW (GPM)	228	UPPER	0.3	POLECAT (KW)	0	90
TRAIL WATER PUMPING (KW)	114					
TRAIL WATER PUMPING (KWH)	2412					
TRAIL PUMPING COST	159					
TOTAL TRAIL WATER VOLUME (MG)	0.3					
TOTAL TRAIL AIR FLOW (CFM)	0					
TRAIL AIR (KW)	0					
TRAIL AIR (KWH)	0					
TRAIL AIR COST	30		TRAIL ON PEAK DEMAND (KW) =	204		
TOTAL TRAIL AIR VOLUME (MCF)	0.0		TRAIL OFF PEAK DEMAND (KW) =	0		
TRAIL POLECAT (KW)	90		TRAIL ENERGY USE COST =	$699		
TRAIL POLECAT (KWH)	1937		DEMAND CHARGE =	$1,530		
TRAIL POLECAT COST	1530		ENERGY TOTAL COST =	$2,229		
TIME TO COMPLETE (HRS)	21.4					

SELECT TRAIL NAME FROM LIST — CONNECT 4 - Lift 7 to Dot Nebel

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK					
TRAIL LENGTH (FT)		1540				
TRAIL AREA (SF)		46300				
ENTER PHASE SNOW DEPTH (FT)		1.5				
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 26 degrees)				
WATER VOL. REQ'D (MG)		0.3				
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT
IND. GUN WATER FLOW RATE (GPM)		30	22	30	56	38
IND. GUN AIR FLOW RATE (CFM)		370	55	100	0	0
ENTER GUN SPACING (FT)		250	0	0	0	0
# OF GUNS		7	0	0	0	0
TOTAL GUN WATER USAGE (GPM)		210	0	0	0	0
TOTAL GUN AIR USAGE (CFM)		2590	0	0	0	0
				POLECAT (KW/UNIT)	26.5	15
TOTAL TRAIL WATER FLOW (GPM)	210	UPPER	0.3	POLECAT (KW)	0	0
TRAIL WATER PUMPING (KW)	105					
TRAIL WATER PUMPING (KWH)	2317					
TRAIL PUMPING COST	154					
TOTAL TRAIL WATER VOLUME (MG)	0.3					
TOTAL TRAIL AIR FLOW (CFM)	2590					
TRAIL AIR (KW)	407					
TRAIL AIR (KWH)	10776					
TRAIL AIR COST	34,724		TRAIL ON PEAK DEMAND (KW) =	507		
TOTAL TRAIL AIR VOLUME (MCF)	4.2		TRAIL OFF PEAK DEMAND (KW) =	0		
TRAIL POLECAT (KW)	0		TRAIL ENERGY USE COST =	$2,175		
TRAIL POLECAT (KWH)	0		DEMAND CHARGE =	$3,800		
TRAIL POLECAT COST	30		ENERGY TOTAL COST =	$5,975		
TIME TO COMPLETE (HRS)	26.8					

SELECT TRAIL NAME FROM LIST — CONNECT 6 - Mid Station Access Rd.

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK					
TRAIL LENGTH (FT)		1244				
TRAIL AREA (SF)		27612				
ENTER PHASE SNOW DEPTH (FT)		1.5				
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 26 degrees)				
WATER VOL. REQ'D (MG)		0.2				
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT
IND. GUN WATER FLOW RATE (GPM)		30	22	30	56	38
IND. GUN AIR FLOW RATE (CFM)		370	55	100	0	0
ENTER GUN SPACING (FT)		0	0	0	0	350
# OF GUNS		0	0	0	0	4
TOTAL GUN WATER USAGE (GPM)		0	0	0	0	152
TOTAL GUN AIR USAGE (CFM)		0	0	0	0	0
				POLECAT (KW/UNIT)	26.5	15
TOTAL TRAIL WATER FLOW (GPM)	152	UPPER	0.2	POLECAT (KW)	0	60
TRAIL WATER PUMPING (KW)	76					
TRAIL WATER PUMPING (KWH)	1653					
TRAIL PUMPING COST	239					
TOTAL TRAIL WATER VOLUME (MG)	0.2					
TOTAL TRAIL AIR FLOW (CFM)	0					
TRAIL AIR (KW)	0					
TRAIL AIR (KWH)	0					
TRAIL AIR COST	30		TRAIL ON PEAK DEMAND (KW) =	136		
TOTAL TRAIL AIR VOLUME (MCF)	0.0		TRAIL OFF PEAK DEMAND (KW) =	0		
TRAIL POLECAT (KW)	60		TRAIL ENERGY USE COST =	$482		
TRAIL POLECAT (KWH)	1293		DEMAND CHARGE =	$1,020		
TRAIL POLECAT COST	1020		ENERGY TOTAL COST =	$1,502		
TIME TO COMPLETE (HRS)	22.1					

SELECT TRAIL NAME FROM LIST		CONNECT PR 2 - Dot Nebel to Seneca				
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK					
TRAIL LENGTH (FT)		269				
TRAIL AREA (SF)		8594				
ENTER PHASE SNOW DEPTH (FT)		1.5				
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 26 degrees)				
WATER VOL. REQ'D (MG)		0.1				
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT
IND. GUN WATER FLOW RATE (GPM)		30	22	30	56	38
IND. GUN AIR FLOW RATE (CFM)		370	55	100	0	0
ENTER GUN SPACING (FT)		0	0	0	0	300
# OF GUNS		0	0	0	0	1
TOTAL GUN WATER USAGE (GPM)		0	0	0	0	38
TOTAL GUN AIR USAGE (CFM)		0	0	0	0	0
				POLECAT (KW/UNIT)	26.5	15
TOTAL TRAIL WATER FLOW (GPM)	[redacted]	UPPER	0.1	POLECAT (KW)	0	15
TRAIL WATER PUMPING (KW)	[redacted]					
TRAIL WATER PUMPING (KWH)	[redacted]					
TRAIL PUMPING COST	[redacted]					
TOTAL TRAIL WATER VOLUME (MG)	[redacted]					
TOTAL TRAIL AIR FLOW (CFM)	[redacted]					
TRAIL AIR (KW)	[redacted]					
TRAIL AIR (KWH)	[redacted]					
TRAIL AIR COST	[redacted]		TRAIL ON PEAK DEMAND (KW) =		34	
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]		TRAIL OFF PEAK DEMAND (KW) =		0	
TRAIL POLECAT (KW)	[redacted]		TRAIL ENERGY USE COST =		$153	
TRAIL POLECAT (KWH)	[redacted]		DEMAND CHARGE =		$255	
TRAIL POLECAT COST	[redacted]		ENERGY TOTAL COST =		$408	
TIME TO COMPLETE (HRS)	28.1					

SELECT TRAIL NAME FROM LIST		CONNECT 11 - Overlook Lodge to Top Novice Lifts				
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK					
TRAIL LENGTH (FT)		585				
TRAIL AREA (SF)		23860				
ENTER PHASE SNOW DEPTH (FT)		1.5				
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 26 degrees)				
WATER VOL. REQ'D (MG)		0.2				
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT
IND. GUN WATER FLOW RATE (GPM)		30	22	30	56	38
IND. GUN AIR FLOW RATE (CFM)		370	55	100	0	0
ENTER GUN SPACING (FT)		0	0	0	0	150
# OF GUNS		0	0	0	0	4
TOTAL GUN WATER USAGE (GPM)		0	0	0	0	152
TOTAL GUN AIR USAGE (CFM)		0	0	0	0	0
				POLECAT (KW/UNIT)	26.5	15
TOTAL TRAIL WATER FLOW (GPM)	[redacted]	LOWER	0.2	POLECAT (KW)	0	60
TRAIL WATER PUMPING (KW)	[redacted]					
TRAIL WATER PUMPING (KWH)	[redacted]					
TRAIL PUMPING COST	[redacted]					
TOTAL TRAIL WATER VOLUME (MG)	[redacted]					
TOTAL TRAIL AIR FLOW (CFM)	[redacted]					
TRAIL AIR (KW)	[redacted]					
TRAIL AIR (KWH)	[redacted]					
TRAIL AIR COST	[redacted]		TRAIL ON PEAK DEMAND (KW) =		98	
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]		TRAIL OFF PEAK DEMAND (KW) =		0	
TRAIL POLECAT (KW)	[redacted]		TRAIL ENERGY USE COST =		$301	
TRAIL POLECAT (KWH)	[redacted]		DEMAND CHARGE =		$735	
TRAIL POLECAT COST	[redacted]		ENERGY TOTAL COST =		$1,036	
TIME TO COMPLETE (HRS)	19.2					

SELECT TRAIL NAME FROM LIST		Chinook				
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK					
TRAIL LENGTH (FT)		330				
TRAIL AREA (SF)		24648				
ENTER PHASE SNOW DEPTH (FT)		1.5				
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 26 degrees)				
WATER VOL. REQ'D (MG)		0.2				
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT
IND. GUN WATER FLOW RATE (GPM)		30	22	30	56	38
IND. GUN AIR FLOW RATE (CFM)		370	55	100	0	0
ENTER GUN SPACING (FT)		0	0	0	0	100
# OF GUNS		0	0	0	0	4
TOTAL GUN WATER USAGE (GPM)		0	0	0	0	152
TOTAL GUN AIR USAGE (CFM)		0	0	0	0	0
				POLECAT (KW/UNIT)	26.5	15
TOTAL TRAIL WATER FLOW (GPM)	[redacted]	LOWER	0.2	POLECAT (KW)	0	50
TRAIL WATER PUMPING (KW)	[redacted]					
TRAIL WATER PUMPING (KWH)	[redacted]					
TRAIL PUMPING COST	[redacted]					
TOTAL TRAIL WATER VOLUME (MG)	[redacted]					
TOTAL TRAIL AIR FLOW (CFM)	[redacted]					
TRAIL AIR (KW)	[redacted]					
TRAIL AIR (KWH)	[redacted]					
TRAIL AIR COST	[redacted]		TRAIL ON PEAK DEMAND (KW) =		98	
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]		TRAIL OFF PEAK DEMAND (KW) =		0	
TRAIL POLECAT (KW)	[redacted]		TRAIL ENERGY USE COST =		$309	
TRAIL POLECAT (KWH)	[redacted]		DEMAND CHARGE =		$735	
TRAIL POLECAT COST	[redacted]		ENERGY TOTAL COST =		$1,044	
TIME TO COMPLETE (HRS)	19.7					

SELECT TRAIL NAME FROM LIST — The Canyon Upper

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK					
TRAIL LENGTH (FT)		375				
TRAIL AREA (SF)		34560				
ENTER PHASE SNOW DEPTH (FT)		1.5				
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 26 degrees)				
WATER VOL. REQ'D (MG)		0.3				
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT
IND. GUN WATER FLOW RATE (GPM)		30	22	30	56	38
IND. GUN AIR FLOW RATE (CFM)		370	55	100	0	0
ENTER GUN SPACING (FT)		0	0	0	0	80
# OF GUNS		0	0	0	0	5
TOTAL GUN WATER USAGE (GPM)		0	0	0	0	190
TOTAL GUN AIR USAGE (CFM)		0	0	0	0	0
TOTAL TRAIL WATER FLOW (GPM)	[redacted]	LOWER	0.3	POLECAT (KW/UNIT)	26.5	15
TRAIL WATER PUMPING (KW)	[redacted]			POLECAT (KW)	0	75
TRAIL WATER PUMPING (KWH)	[redacted]					
TRAIL PUMPING COST	[redacted]					
TOTAL TRAIL WATER VOLUME (MG)	[redacted]					
TOTAL TRAIL AIR FLOW (CFM)	[redacted]					
TRAIL AIR (KW)	[redacted]					
TRAIL AIR (KWH)	[redacted]					
TRAIL AIR COST	[redacted]		TRAIL ON PEAK DEMAND (KW) =		123	
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]		TRAIL OFF PEAK DEMAND (KW) =		0	
TRAIL POLECAT (KW)	[redacted]		TRAIL ENERGY USE COST =		$435	
TRAIL POLECAT (KWH)	[redacted]		DEMAND CHARGE =		$919	
TRAIL POLECAT COST	[redacted]		ENERGY TOTAL COST =		$1,354	
TIME TO COMPLETE (HRS)	22.2					

SELECT TRAIL NAME FROM LIST — The Canyon Lower Section A

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK					
TRAIL LENGTH (FT)		1050				
TRAIL AREA (SF)		108905				
ENTER PHASE SNOW DEPTH (FT)		1.5				
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 26 degrees)				
WATER VOL. REQ'D (MG)		0.8				
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT
IND. GUN WATER FLOW RATE (GPM)		30	22	30	56	38
IND. GUN AIR FLOW RATE (CFM)		370	55	100	0	0
ENTER GUN SPACING (FT)		0	0	0	0	80
# OF GUNS		0	0	0	0	14
TOTAL GUN WATER USAGE (GPM)		0	0	0	0	532
TOTAL GUN AIR USAGE (CFM)		0	0	0	0	0
TOTAL TRAIL WATER FLOW (GPM)	[redacted]	LOWER	0.8	POLECAT (KW/UNIT)	26.5	15
TRAIL WATER PUMPING (KW)	[redacted]			POLECAT (KW)	0	210
TRAIL WATER PUMPING (KWH)	[redacted]					
TRAIL PUMPING COST	[redacted]					
TOTAL TRAIL WATER VOLUME (MG)	[redacted]					
TOTAL TRAIL AIR FLOW (CFM)	[redacted]					
TRAIL AIR (KW)	[redacted]					
TRAIL AIR (KWH)	[redacted]					
TRAIL AIR COST	[redacted]		TRAIL ON PEAK DEMAND (KW) =		343	
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]		TRAIL OFF PEAK DEMAND (KW) =		0	
TRAIL POLECAT (KW)	[redacted]		TRAIL ENERGY USE COST =		$1,367	
TRAIL POLECAT (KWH)	[redacted]		DEMAND CHARGE =		$2,573	
TRAIL POLECAT COST	[redacted]		ENERGY TOTAL COST =		$3,939	
TIME TO COMPLETE (HRS)	24.9					

SELECT TRAIL NAME FROM LIST — Easy In Section B

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK					
TRAIL LENGTH (FT)		257				
TRAIL AREA (SF)		11986				
ENTER PHASE SNOW DEPTH (FT)		1.5				
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 26 degrees)				
WATER VOL. REQ'D (MG)		0.1				
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT
IND. GUN WATER FLOW RATE (GPM)		30	22	30	56	38
IND. GUN AIR FLOW RATE (CFM)		370	55	100	0	0
ENTER GUN SPACING (FT)		0	100	0	0	0
# OF GUNS		0	3	0	0	0
TOTAL GUN WATER USAGE (GPM)		0	66	0	0	0
TOTAL GUN AIR USAGE (CFM)		0	165	0	0	0
TOTAL TRAIL WATER FLOW (GPM)	[redacted]	LOWER	0.1	POLECAT (KW/UNIT)	26.5	15
TRAIL WATER PUMPING (KW)	[redacted]			POLECAT (KW)	0	0
TRAIL WATER PUMPING (KWH)	[redacted]					
TRAIL PUMPING COST	[redacted]					
TOTAL TRAIL WATER VOLUME (MG)	[redacted]					
TOTAL TRAIL AIR FLOW (CFM)	[redacted]					
TRAIL AIR (KW)	[redacted]					
TRAIL AIR (KWH)	[redacted]					
TRAIL AIR COST	[redacted]		TRAIL ON PEAK DEMAND (KW) =		42	
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]		TRAIL OFF PEAK DEMAND (KW) =		0	
TRAIL POLECAT (KW)	[redacted]		TRAIL ENERGY USE COST =		$150	
TRAIL POLECAT (KWH)	[redacted]		DEMAND CHARGE =		$316	
TRAIL POLECAT COST	[redacted]		ENERGY TOTAL COST =		$465	
TIME TO COMPLETE (HRS)	22.2					

Easy Out Section B

SELECT TRAIL NAME FROM LIST						
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK					
TRAIL LENGTH (FT)		336				
TRAIL AREA (SF)		10874				
ENTER PHASE SNOW DEPTH (FT)		1.5				
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 28 degrees)				
WATER VOL. REQ'D (MG)		0.1				
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT
IND. GUN WATER FLOW RATE (GPM)		30	22	30	56	38
IND. GUN AIR FLOW RATE (CFM)		370	55	100	0	0
ENTER GUN SPACING (FT)		0	100	0	0	0
# OF GUNS		0	4	0	0	0
TOTAL GUN WATER USAGE (GPM)		0	88	0	0	0
TOTAL GUN AIR USAGE (CFM)		0	220	0	0	0
				POLECAT (KW/UNIT)	26.5	15
TOTAL TRAIL WATER FLOW (GPM)	[redacted]	LOWER	0.1	POLECAT (KW)	0	0
TRAIL WATER PUMPING (KW)	[redacted]					
TRAIL WATER PUMPING (KWH)	[redacted]					
TRAIL PUMPING COST	[redacted]					
TOTAL TRAIL WATER VOLUME (MG)	[redacted]					
TOTAL TRAIL AIR FLOW (CFM)	[redacted]					
TRAIL AIR (KW)	[redacted]					
TRAIL AIR (KWH)	[redacted]					
TRAIL AIR COST	[redacted]					
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]					
TRAIL POLECAT (KW)	[redacted]					
TRAIL POLECAT (KWH)	[redacted]					
TRAIL POLECAT COST	[redacted]					
TIME TO COMPLETE (HRS)	15.2					

TRAIL ON PEAK DEMAND (KW) =	56
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	**$136**
DEMAND CHARGE =	**$421**
ENERGY TOTAL COST =	**$557**

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SELECT TRAIL NAME FROM LIST						
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK					
TRAIL LENGTH (FT)		3548				
TRAIL AREA (SF)		241885				
ENTER PHASE SNOW DEPTH (FT)		1.5				
ENTER TEMPERATURE (DEGREES F)		22 (between 8 and 28 degrees)				
WATER VOL. REQ'D (MG)		1.8				
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT
IND. GUN WATER FLOW RATE (GPM)		30	22	30	56	38
IND. GUN AIR FLOW RATE (CFM)		370	55	100	0	0
ENTER GUN SPACING (FT)		0	0	0	0	100
# OF GUNS		0	0	0	0	36
TOTAL GUN WATER USAGE (GPM)		0	0	0	0	1368
TOTAL GUN AIR USAGE (CFM)		0	0	0	0	0
				POLECAT (KW/UNIT)	26.5	15
TOTAL TRAIL WATER FLOW (GPM)	[redacted]	LOWER	1.8	POLECAT (KW)	0	540
TRAIL WATER PUMPING (KW)	[redacted]					
TRAIL WATER PUMPING (KWH)	[redacted]					
TRAIL PUMPING COST	[redacted]					
TOTAL TRAIL WATER VOLUME (MG)	[redacted]					
TOTAL TRAIL AIR FLOW (CFM)	[redacted]					
TRAIL AIR (KW)	[redacted]					
TRAIL AIR (KWH)	[redacted]					
TRAIL AIR COST	[redacted]					
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]					
TRAIL POLECAT (KW)	[redacted]					
TRAIL POLECAT (KWH)	[redacted]					
TRAIL POLECAT COST	[redacted]					
TIME TO COMPLETE (HRS)	21.5					

TRAIL ON PEAK DEMAND (KW) =	882
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	**$3,035**
DEMAND CHARGE =	**$6,615**
ENERGY TOTAL COST =	**$9,650**

SNOWMAKING PHASE 4

UPPER WATER SYSTEM (GPM) =	7304
LOWER WATER SYSTEM (GPM) =	1817
AIR SYSTEM (CFM):	13565
UPPER WATER SYSTEM VOL (MG)	10.3
LOWER WATER SYSTEM VOL (MG)	2.5
PHASE WATER VOL (MG)	12.8
SNOWMAKING AREA (AC)	40.3
ON PEAK DEMAND (KW)	8430.2
OFF PEAK DEMAND (KW)	0.0
PHASE ENERGY USE COST	$31,431

SNOW GIANT HIGH E	21
SKY GIANT LOW E	113
HKD SV10 LOW E	0
SUPER POLECAT	0
STD POLECAT	148
KID POLECAT	0

WATER PUMPING (KWH)	96183
STATIONARY AIR (KWH)	47877
POLECAT (KWH)	52382
TOTAL (KWH)	196442

WEST-1

SELECT TRAIL NAME FROM LIST							
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK						
TRAIL LENGTH (FT)		936					
TRAIL AREA (SF)		43544					
ENTER PHASE SNOW DEPTH (FT)		1.5					
ENTER TEMPERATURE (DEGREES F)		20 (between 8 and 26 degrees)					
WATER VOL REQ'D (MG)		0.3					
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)		32	25	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)		350	55	100	0	0	0
ENTER GUN SPACING (FT)		0	0	0	0	150	0
# OF GUNS		0	0	0	0	7	0
TOTAL GUN WATER USAGE (GPM)		0	0	0	0	266	0
TOTAL GUN AIR USAGE (CFM)		0	0	0	0	0	0
				POLECAT (KW/UNIT)	26.5	15	9.375
TOTAL TRAIL WATER FLOW (GPM)	258	UPPER	0.3	POLECAT (KW)	0	105	0
TRAIL WATER PUMPING (KW)	133						
TRAIL WATER PUMPING (KWH)	2550						
TRAIL PUMPING COST	$121						
TOTAL TRAIL WATER VOLUME (MG)	0.3						
TOTAL TRAIL AIR FLOW (CFM)	0						
TRAIL AIR (KW)	0						
TRAIL AIR (KWH)	0						
TRAIL AIR COST	$0						
TOTAL TRAIL AIR VOLUME (MCF)	0.0						
TRAIL POLECAT (KW)	105						
TRAIL POLECAT (KWH)	2082						
TRAIL POLECAT COST	$99						
TIME TO COMPLETE (HRS)	19.9						

TRAIL ON PEAK DEMAND (KW) =	238
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$759
DEMAND CHARGE =	$1,785
ENERGY TOTAL COST =	$2,544

WEST-2

SELECT TRAIL NAME FROM LIST							
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK						
TRAIL LENGTH (FT)		2191					
TRAIL AREA (SF)		197574					
ENTER PHASE SNOW DEPTH (FT)		1.5					
ENTER TEMPERATURE (DEGREES F)		20 (between 8 and 26 degrees)					
WATER VOL REQ'D (MG)		1.4					
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)		32	25	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)		350	55	100	0	0	0
ENTER GUN SPACING (FT)		0	0	0	0	80	0
# OF GUNS		0	0	0	0	28	0
TOTAL GUN WATER USAGE (GPM)		0	0	0	0	1064	0
TOTAL GUN AIR USAGE (CFM)		0	0	0	0	0	0
				POLECAT (KW/UNIT)	26.5	15	9.375
TOTAL TRAIL WATER FLOW (GPM)	1064	UPPER	1.4	POLECAT (KW)	0	420	0
TRAIL WATER PUMPING (KW)	532						
TRAIL WATER PUMPING (KWH)	12095						
TRAIL PUMPING COST	$1104						
TOTAL TRAIL WATER VOLUME (MG)	1.4						
TOTAL TRAIL AIR FLOW (CFM)	0						
TRAIL AIR (KW)	0						
TRAIL AIR (KWH)	0						
TRAIL AIR COST	$0						
TOTAL TRAIL AIR VOLUME (MCF)	0.0						
TRAIL POLECAT (KW)	420						
TRAIL POLECAT (KWH)	9,555						
TRAIL POLECAT COST	$1,507						
TIME TO COMPLETE (HRS)	22.6						

TRAIL ON PEAK DEMAND (KW) =	952
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$3,438
DEMAND CHARGE =	$7,140
ENERGY TOTAL COST =	$10,578

SELECT TRAIL NAME FROM LIST — WEST-3

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK	
TRAIL LENGTH (FT)		1643
TRAIL AREA (SF)		158920
ENTER PHASE SNOW DEPTH (FT)		1.5
ENTER TEMPERATURE (DEGREES F)		20 (between 8 and 26 degrees)
WATER VOL REQ'D (MG)		1.2

GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	32	25	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)	350	55	100	0	0	0
ENTER GUN SPACING (FT)	0	0	0	0	80	0
# OF GUNS	0	0	0	0	21	0
TOTAL GUN WATER USAGE (GPM)	0	0	0	0	798	0
TOTAL GUN AIR USAGE (CFM)	0	0	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
			POLECAT (KW)	0	315	0

TOTAL TRAIL WATER FLOW (GPM)	[redacted]	UPPER 1.2
TRAIL WATER PUMPING (KW)	[redacted]	
TRAIL WATER PUMPING (KWH)	[redacted]	
TRAIL PUMPING COST	[redacted]	
TOTAL TRAIL WATER VOLUME (MG)	[redacted]	
TOTAL TRAIL AIR FLOW (CFM)	[redacted]	
TRAIL AIR (KW)	[redacted]	
TRAIL AIR (KWH)	[redacted]	
TRAIL AIR COST	[redacted]	
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]	
TRAIL POLECAT (KW)	[redacted]	
TRAIL POLECAT (KWH)	[redacted]	
TRAIL POLECAT COST	[redacted]	
TIME TO COMPLETE (HRS)	24.2	

TRAIL ON PEAK DEMAND (KW) =	714
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	**$2,768**
DEMAND CHARGE =	**$5,355**
ENERGY TOTAL COST =	**$8,123**

SELECT TRAIL NAME FROM LIST — WEST-4

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK	
TRAIL LENGTH (FT)		1153
TRAIL AREA (SF)		134444
ENTER PHASE SNOW DEPTH (FT)		1.5
ENTER TEMPERATURE (DEGREES F)		20 (between 8 and 26 degrees)
WATER VOL REQ'D (MG)		1.0

GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	32	25	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)	350	55	100	0	0	0
ENTER GUN SPACING (FT)	0	0	0	0	70	0
# OF GUNS	0	0	0	0	17	0
TOTAL GUN WATER USAGE (GPM)	0	0	0	0	646	0
TOTAL GUN AIR USAGE (CFM)	0	0	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
			POLECAT (KW)	0	255	0

TOTAL TRAIL WATER FLOW (GPM)	[redacted]	UPPER 1.0
TRAIL WATER PUMPING (KW)	[redacted]	
TRAIL WATER PUMPING (KWH)	[redacted]	
TRAIL PUMPING COST	[redacted]	
TOTAL TRAIL WATER VOLUME (MG)	[redacted]	
TOTAL TRAIL AIR FLOW (CFM)	[redacted]	
TRAIL AIR (KW)	[redacted]	
TRAIL AIR (KWH)	[redacted]	
TRAIL AIR COST	[redacted]	
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]	
TRAIL POLECAT (KW)	[redacted]	
TRAIL POLECAT (KWH)	[redacted]	
TRAIL POLECAT COST	[redacted]	
TIME TO COMPLETE (HRS)	25.3	

TRAIL ON PEAK DEMAND (KW) =	578
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	**$2,341**
DEMAND CHARGE =	**$4,335**
ENERGY TOTAL COST =	**$6,676**

SELECT TRAIL NAME FROM LIST — WEST-5

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK	
TRAIL LENGTH (FT)		2360
TRAIL AREA (SF)		248123
ENTER PHASE SNOW DEPTH (FT)		1.5
ENTER TEMPERATURE (DEGREES F)		20 (between 8 and 26 degrees)
WATER VOL REQ'D (MG)		1.8

GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	32	25	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)	350	55	100	0	0	0
ENTER GUN SPACING (FT)	0	0	0	0	70	0
# OF GUNS	0	0	0	0	34	0
TOTAL GUN WATER USAGE (GPM)	0	0	0	0	1292	0
TOTAL GUN AIR USAGE (CFM)	0	0	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
			POLECAT (KW)	0	510	0

TOTAL TRAIL WATER FLOW (GPM)	[redacted]	UPPER 1.8
TRAIL WATER PUMPING (KW)	[redacted]	
TRAIL WATER PUMPING (KWH)	[redacted]	
TRAIL PUMPING COST	[redacted]	
TOTAL TRAIL WATER VOLUME (MG)	[redacted]	
TOTAL TRAIL AIR FLOW (CFM)	[redacted]	
TRAIL AIR (KW)	[redacted]	
TRAIL AIR (KWH)	[redacted]	
TRAIL AIR COST	[redacted]	
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]	
TRAIL POLECAT (KW)	[redacted]	
TRAIL POLECAT (KWH)	[redacted]	
TRAIL POLECAT COST	[redacted]	
TIME TO COMPLETE (HRS)	23.3	

TRAIL ON PEAK DEMAND (KW) =	1156
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	**$4,319**
DEMAND CHARGE =	**$8,670**
ENERGY TOTAL COST =	**$12,989**

CONNECT PR 1 - Lift 8 Base to West Lift Base

SELECT TRAIL NAME FROM LIST						
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK					
TRAIL LENGTH (FT)	2228					
TRAIL AREA (SF)	115840					
ENTER PHASE SNOW DEPTH (FT)	1.5					
ENTER TEMPERATURE (DEGREES F)	20 (between 8 and 26 degrees)					
WATER VOL REQ'D (MG)	0.9					
GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	32	25	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)	350	55	100	0	0	0
ENTER GUN SPACING (FT)	0	0	0	0	150	0
# OF GUNS	0	0	0	0	15	0
TOTAL GUN WATER USAGE (GPM)	0	0	0	0	570	0
TOTAL GUN AIR USAGE (CFM)	0	0	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
			POLECAT (KW)	0	225	0
TOTAL TRAIL WATER FLOW (GPM)	[redacted]	UPPER	0.9			
TRAIL WATER PUMPING (KW)	[redacted]					
TRAIL WATER PUMPING (KWH)	[redacted]					
TRAIL PUMPING COST	[redacted]					
TOTAL TRAIL WATER VOLUME (MG)	[redacted]					
TOTAL TRAIL AIR FLOW (CFM)	[redacted]					
TRAIL AIR (KW)	[redacted]					
TRAIL AIR (KWH)	[redacted]					
TRAIL AIR COST	[redacted]					
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]					
TRAIL POLECAT (KW)	[redacted]					
TRAIL POLECAT (KWH)	[redacted]					
TRAIL POLECAT COST	[redacted]					
TIME TO COMPLETE (HRS)	25.4					

TRAIL ON PEAK DEMAND (KW) =	510
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	**$2,069**
DEMAND CHARGE =	**$3,825**
ENERGY TOTAL COST =	**$5,894**

HMT-1

SELECT TRAIL NAME FROM LIST						
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK					
TRAIL LENGTH (FT)	1204					
TRAIL AREA (SF)	102375					
ENTER PHASE SNOW DEPTH (FT)	1.5					
ENTER TEMPERATURE (DEGREES F)	20 (between 8 and 26 degrees)					
WATER VOL REQ'D (MG)	0.7					
GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	32	25	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)	350	55	100	0	0	0
ENTER GUN SPACING (FT)	0	0	0	0	100	0
# OF GUNS	0	0	0	0	13	0
TOTAL GUN WATER USAGE (GPM)	0	0	0	0	494	0
TOTAL GUN AIR USAGE (CFM)	0	0	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
			POLECAT (KW)	0	195	0
TOTAL TRAIL WATER FLOW (GPM)	[redacted]	UPPER	0.7			
TRAIL WATER PUMPING (KW)	[redacted]					
TRAIL WATER PUMPING (KWH)	[redacted]					
TRAIL PUMPING COST	[redacted]					
TOTAL TRAIL WATER VOLUME (MG)	[redacted]					
TOTAL TRAIL AIR FLOW (CFM)	[redacted]					
TRAIL AIR (KW)	[redacted]					
TRAIL AIR (KWH)	[redacted]					
TRAIL AIR COST	[redacted]					
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]					
TRAIL POLECAT (KW)	[redacted]					
TRAIL POLECAT (KWH)	[redacted]					
TRAIL POLECAT COST	[redacted]					
TIME TO COMPLETE (HRS)	25.2					

TRAIL ON PEAK DEMAND (KW) =	442
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	**$1,782**
DEMAND CHARGE =	**$3,315**
ENERGY TOTAL COST =	**$5,097**

HMT-9A

SELECT TRAIL NAME FROM LIST						
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK					
TRAIL LENGTH (FT)	1905					
TRAIL AREA (SF)	87428					
ENTER PHASE SNOW DEPTH (FT)	1.5					
ENTER TEMPERATURE (DEGREES F)	20 (between 8 and 26 degrees)					
WATER VOL REQ'D (MG)	0.6					
GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	32	25	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)	350	55	100	0	0	0
ENTER GUN SPACING (FT)	0	0	0	0	150	0
# OF GUNS	0	0	0	0	13	0
TOTAL GUN WATER USAGE (GPM)	0	0	0	0	494	0
TOTAL GUN AIR USAGE (CFM)	0	0	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
			POLECAT (KW)	0	195	0
TOTAL TRAIL WATER FLOW (GPM)	[redacted]	UPPER	0.6			
TRAIL WATER PUMPING (KW)	[redacted]					
TRAIL WATER PUMPING (KWH)	[redacted]					
TRAIL PUMPING COST	[redacted]					
TOTAL TRAIL WATER VOLUME (MG)	[redacted]					
TOTAL TRAIL AIR FLOW (CFM)	[redacted]					
TRAIL AIR (KW)	[redacted]					
TRAIL AIR (KWH)	[redacted]					
TRAIL AIR COST	[redacted]					
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]					
TRAIL POLECAT (KW)	[redacted]					
TRAIL POLECAT (KWH)	[redacted]					
TRAIL POLECAT COST	[redacted]					
TIME TO COMPLETE (HRS)	21.5					

TRAIL ON PEAK DEMAND (KW) =	442
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	**$1,522**
DEMAND CHARGE =	**$3,315**
ENERGY TOTAL COST =	**$4,837**

Ashokan Section B

SELECT TRAIL NAME FROM LIST						
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK					
TRAIL LENGTH (FT)	1695					
TRAIL AREA (SF)	114596					
ENTER PHASE SNOW DEPTH (FT)	1.5					
ENTER TEMPERATURE (DEGREES F)	20 (between 8 and 26 degrees)					
WATER VOL REQ'D (MG)	0.8					
GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT

IND. GUN WATER FLOW RATE (GPM)			32	25	30	56	36	24
IND. GUN AIR FLOW RATE (CFM)			350	55	100	0	0	0
ENTER GUN SPACING (FT)			0	80	0	0	0	0
# OF GUNS			0	22	0	0	0	0
TOTAL GUN WATER USAGE (GPM)			0	550	0	0	0	0
TOTAL GUN AIR USAGE (CFM)			0	1210				
					POLECAT (KW/UNIT)	26.5	15	9.375
					POLECAT (KW)	0	0	0
TOTAL TRAIL WATER FLOW (GPM)	[redacted]	UPPER	0.6					
TRAIL WATER PUMPING (KW)	[redacted]							
TRAIL WATER PUMPING (KWH)	[redacted]							
TRAIL PUMPING COST	[redacted]							
TOTAL TRAIL WATER VOLUME (MG)	[redacted]							
TOTAL TRAIL AIR FLOW (CFM)	[redacted]							
TRAIL AIR (KW)	[redacted]							
TRAIL AIR (KWH)	[redacted]			TRAIL ON PEAK DEMAND (KW) =	463			
TRAIL AIR COST	[redacted]			TRAIL OFF PEAK DEMAND (KW) =	0			
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]							
				TRAIL ENERGY USE COST =	**$1,875**			
TRAIL POLECAT (KW)	[redacted]			**DEMAND CHARGE =**	**$3,470**			
TRAIL POLECAT (KWH)	[redacted]			**ENERGY TOTAL COST =**	**$5,345**			
TRAIL POLECAT COST	[redacted]							
TIME TO COMPLETE (HRS)	25.3							

SELECT TRAIL NAME FROM LIST — Dakota

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK						
TRAIL LENGTH (FT)		1677					
TRAIL AREA (SF)		120533					
ENTER PHASE SNOW DEPTH (FT)		1.5					
ENTER TEMPERATURE (DEGREES F)		20 (between 8 and 26 degrees)					
WATER VOL REQ'D (MG)		0.9					
		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
GUN TYPE		32	25	30	56	38	24
IND. GUN WATER FLOW RATE (GPM)		350	55	100	0	0	0
IND. GUN AIR FLOW RATE (CFM)		300	100	0	0	0	0
ENTER GUN SPACING (FT)		6	17	0	0	0	0
# OF GUNS		192	425	0	0	0	0
TOTAL GUN WATER USAGE (GPM)		2100	935	0	0	0	0
TOTAL GUN AIR USAGE (CFM)							
				POLECAT (KW/UNIT)	26.5	15	9.375
				POLECAT (KW)	0	0	0
TOTAL TRAIL WATER FLOW (GPM)	[redacted]	LOWER	0.9				
TRAIL WATER PUMPING (KW)	[redacted]						
TRAIL WATER PUMPING (KWH)	[redacted]						
TRAIL PUMPING COST	[redacted]						
TOTAL TRAIL WATER VOLUME (MG)	[redacted]						
TOTAL TRAIL AIR FLOW (CFM)	[redacted]						
TRAIL AIR (KW)	[redacted]						
TRAIL AIR (KWH)	[redacted]						
TRAIL AIR COST	[redacted]						
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]						
TRAIL POLECAT (KW)	[redacted]						
TRAIL POLECAT (KWH)	[redacted]						
TRAIL POLECAT COST	[redacted]						
TIME TO COMPLETE (HRS)	23.8						

TRAIL ON PEAK DEMAND (KW) =	625
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	**$2,377**
DEMAND CHARGE =	**$4,687**
ENERGY TOTAL COST =	**$7,064**

SELECT TRAIL NAME FROM LIST — Oneida

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK						
TRAIL LENGTH (FT)		534					
TRAIL AREA (SF)		27636					
ENTER PHASE SNOW DEPTH (FT)		1.5					
ENTER TEMPERATURE (DEGREES F)		20 (between 8 and 26 degrees)					
WATER VOL REQ'D (MG)		0.2					
		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
GUN TYPE		32	25	30	56	38	24
IND. GUN WATER FLOW RATE (GPM)		350	55	100	0	0	0
IND. GUN AIR FLOW RATE (CFM)		0	100	0	0	0	0
ENTER GUN SPACING (FT)		0	6	0	0	0	0
# OF GUNS		0	150	0	0	0	0
TOTAL GUN WATER USAGE (GPM)		0	330	0	0	0	0
TOTAL GUN AIR USAGE (CFM)							
				POLECAT (KW/UNIT)	26.5	15	9.375
				POLECAT (KW)	0	0	0
TOTAL TRAIL WATER FLOW (GPM)	[redacted]	LOWER	0.2				
TRAIL WATER PUMPING (KW)	[redacted]						
TRAIL WATER PUMPING (KWH)	[redacted]						
TRAIL PUMPING COST	[redacted]						
TOTAL TRAIL WATER VOLUME (MG)	[redacted]						
TOTAL TRAIL AIR FLOW (CFM)	[redacted]						
TRAIL AIR (KW)	[redacted]						
TRAIL AIR (KWH)	[redacted]						
TRAIL AIR COST	[redacted]						
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]						
TRAIL POLECAT (KW)	[redacted]						
TRAIL POLECAT (KWH)	[redacted]						
TRAIL POLECAT COST	[redacted]						
TIME TO COMPLETE (HRS)	22.4						

TRAIL ON PEAK DEMAND (KW) =	89
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	**$318**
DEMAND CHARGE =	**$665**
ENERGY TOTAL COST =	**$984**

SELECT TRAIL NAME FROM LIST — Huron Section B

SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK						
TRAIL LENGTH (FT)		3014					
TRAIL AREA (SF)		182555					
ENTER PHASE SNOW DEPTH (FT)		1.5					
ENTER TEMPERATURE (DEGREES F)		20 (between 8 and 26 degrees)					
WATER VOL REQ'D (MG)		1.3					
		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
GUN TYPE		32	25	30	56	38	24
IND. GUN WATER FLOW RATE (GPM)		350	55	100	0	0	0
IND. GUN AIR FLOW RATE (CFM)		0	80	0	0	0	0
ENTER GUN SPACING (FT)		0	36	0	0	0	0
# OF GUNS		0	950	0	0	0	0
TOTAL GUN WATER USAGE (GPM)		0	2090	0	0	0	0
TOTAL GUN AIR USAGE (CFM)							
				POLECAT (KW/UNIT)	26.5	15	9.375
				POLECAT (KW)	0	0	0
TOTAL TRAIL WATER FLOW (GPM)	[redacted]	LOWER	1.3				
TRAIL WATER PUMPING (KW)	[redacted]						
TRAIL WATER PUMPING (KWH)	[redacted]						
TRAIL PUMPING COST	[redacted]						
TOTAL TRAIL WATER VOLUME (MG)	[redacted]						
TOTAL TRAIL AIR FLOW (CFM)	[redacted]						
TRAIL AIR (KW)	[redacted]						
TRAIL AIR (KWH)	[redacted]						
TRAIL AIR COST	[redacted]						
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]						
TRAIL POLECAT (KW)	[redacted]						
TRAIL POLECAT (KWH)	[redacted]						
TRAIL POLECAT COST	[redacted]						
TIME TO COMPLETE (HRS)	23.4						

TRAIL ON PEAK DEMAND (KW) =	562
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	**$2,102**
DEMAND CHARGE =	**$4,212**
ENERGY TOTAL COST =	**$6,314**

SELECT TRAIL NAME FROM LIST		**Eagle Falls**					
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK						
TRAIL LENGTH (FT)		348					
TRAIL AREA (SF)		15165					
ENTER PHASE SNOW DEPTH (FT)		1.5					
ENTER TEMPERATURE (DEGREES F)		20 (between 8 and 26 degrees)					
WATER VOL. REQ'D (MG)		0.1					
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)		32	25	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)		350	55	100	0	0	0
ENTER GUN SPACING (FT)		0	100	0	0	0	0
# OF GUNS		0	4	0	0	0	0
TOTAL GUN WATER USAGE (GPM)		0	100	0	0	0	0
TOTAL GUN AIR USAGE (CFM)		0	220	0	0	0	0
				POLECAT (KW/UNIT)	26.5	15	9.375
				POLECAT (KW)	0	0	0
TOTAL TRAIL WATER FLOW (GPM)	100	LOWER	0.1				
TRAIL WATER PUMPING (KW)	25						
TRAIL WATER PUMPING (KWH)	100						
TRAIL PUMPING COST	$73						
TOTAL TRAIL WATER VOLUME (MG)	0.1						
TOTAL TRAIL AIR FLOW (CFM)	220						
TRAIL AIR (KW)	34						
TRAIL AIR (KWH)	331						
TRAIL AIR COST	$101						
TOTAL TRAIL AIR VOLUME (MCF)	0.2						
TRAIL POLECAT (KW)	0						
TRAIL POLECAT (KWH)	0						
TRAIL POLECAT COST	$0						
TIME TO COMPLETE (HRS)	18.5						

TRAIL ON PEAK DEMAND (KW) =	59
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	**$175**
DEMAND CHARGE =	**$443**
ENERGY TOTAL COST =	**$618**

SNOWMAKING PHASE 5

UPPER WATER SYSTEM (GPM) =	6460
LOWER WATER SYSTEM (GPM) =	0
AIR SYSTEM (CFM):	0
UPPER WATER SYSTEM VOL (MG)	8.4
LOWER WATER SYSTEM VOL (MG)	0.0
PHASE WATER VOL (MG)	8.4
SNOWMAKING AREA (AC)	26.5
ON PEAK DEMAND (KW)	5780.0
OFF PEAK DEMAND (KW)	0.0
PHASE ENERGY USE COST	$20,128

SNOW GIANT HIGH E	0
SKY GIANT LOW E	0
HKD SV10 LOW E	0
SUPER POLECAT	0
STD POLECAT	170
KID POLECAT	0

WATER PUMPING (KWH)	70300
STATIONARY AIR (KWH)	0
POLECAT (KWH)	55500
TOTAL (KWH)	125800

HMT-2

SELECT TRAIL NAME FROM LIST	HMT-2
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK
TRAIL LENGTH (FT)	1437
TRAIL AREA (SF)	128553
ENTER PHASE SNOW DEPTH (FT)	1.5
ENTER TEMPERATURE (DEGREES F)	20 (between 8 and 26 degrees)
WATER VOL. REQ'D (MG)	0.9

	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
GUN TYPE	32	25	30	56	38	24
IND. GUN WATER FLOW RATE (GPM)	350	55	100	0	0	0
IND. GUN AIR FLOW RATE (CFM)	0	0	0	0	80	0
ENTER GUN SPACING (FT)	0	0	0	0	18	0
# OF GUNS	0	0	0	0	664	0
TOTAL GUN WATER USAGE (GPM)	0	0	0	0	0	0
TOTAL GUN AIR USAGE (CFM)						
			POLECAT (KW/UNIT)	26.5	15	9.375
			POLECAT (KW)	0	270	0

TOTAL TRAIL WATER FLOW (GPM)	581	UPPER	0.9
TRAIL WATER PUMPING (KW)	342		
TRAIL WATER PUMPING (KWH)	7017		
TRAIL PUMPING COST	$1,251		
TOTAL TRAIL WATER VOLUME (MG)	0.9		
TOTAL TRAIL AIR FLOW (CFM)	0		
TRAIL AIR (KW)	0		
TRAIL AIR (KWH)	0		
TRAIL AIR COST	$0		
TOTAL TRAIL AIR VOLUME (MCF)	0.0		
TRAIL POLECAT (KW)	370		
TRAIL POLECAT (KWH)	6171		
TRAIL POLECAT COST	$1,100		
TIME TO COMPLETE (HRS)	22.9		

TRAIL ON PEAK DEMAND (KW) =	612
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$2,238
DEMAND CHARGE =	$4,590
ENERGY TOTAL COST =	$6,828

HMT-3A

SELECT TRAIL NAME FROM LIST	HMT-3A
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK
TRAIL LENGTH (FT)	405
TRAIL AREA (SF)	25390
ENTER PHASE SNOW DEPTH (FT)	1.5
ENTER TEMPERATURE (DEGREES F)	20 (between 8 and 26 degrees)
WATER VOL. REQ'D (MG)	0.2

	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
GUN TYPE	32	25	30	56	38	24
IND. GUN WATER FLOW RATE (GPM)	350	55	100	0	0	0
IND. GUN AIR FLOW RATE (CFM)	0	0	0	0	125	0
ENTER GUN SPACING (FT)	0	0	0	0	4	0
# OF GUNS	0	0	0	0	152	0
TOTAL GUN WATER USAGE (GPM)	0	0	0	0	0	0
TOTAL GUN AIR USAGE (CFM)						
			POLECAT (KW/UNIT)	26.5	15	9.375
			POLECAT (KW)	0	60	0

TOTAL TRAIL WATER FLOW (GPM)	152	UPPER	0.2
TRAIL WATER PUMPING (KW)	76		
TRAIL WATER PUMPING (KWH)	1350		
TRAIL PUMPING COST	$248		
TOTAL TRAIL WATER VOLUME (MG)	0.2		
TOTAL TRAIL AIR FLOW (CFM)	0		
TRAIL AIR (KW)	0		
TRAIL AIR (KWH)	0		
TRAIL AIR COST	$0		
TOTAL TRAIL AIR VOLUME (MCF)	0.0		
TRAIL POLECAT (KW)	80		
TRAIL POLECAT (KWH)	1421		
TRAIL POLECAT COST	$253		
TIME TO COMPLETE (HRS)	20.4		

TRAIL ON PEAK DEMAND (KW) =	136
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$444
DEMAND CHARGE =	$1,020
ENERGY TOTAL COST =	$1,464

HMT-3B

SELECT TRAIL NAME FROM LIST	HMT-3B					
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK					
TRAIL LENGTH (FT)		1190				
TRAIL AREA (SF)		49826				
ENTER PHASE SNOW DEPTH (FT)		1.5				
ENTER TEMPERATURE (DEGREES F)		20 (between 8 and 26 degrees)				
WATER VOL. REQ'D (MG)		0.4				
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)		32	25	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)		350	55	100	0	0	0
ENTER GUN SPACING (FT)		0	0	0	0	150	0
# OF GUNS		0	0	0	0	8	0
TOTAL GUN WATER USAGE (GPM)		0	0	0	0	304	0
TOTAL GUN AIR USAGE (CFM)		0	0	0	0	0	0
				POLECAT (KW/UNIT)	26.5	15	9.375
				POLECAT (KW)	0	120	0
TOTAL TRAIL WATER FLOW (GPM)	[redacted]	UPPER	0.4				
TRAIL WATER PUMPING (KW)	[redacted]						
TRAIL WATER PUMPING (KWH)	[redacted]						
TRAIL PUMPING COST	[redacted]						
TOTAL TRAIL WATER VOLUME (MG)	[redacted]						
TOTAL TRAIL AIR FLOW (CFM)	[redacted]						
TRAIL AIR (KW)	[redacted]						
TRAIL AIR (KWH)	[redacted]			TRAIL ON PEAK DEMAND (KW) =	272		
TRAIL AIR COST	[redacted]			TRAIL OFF PEAK DEMAND (KW) =	0		
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]						
TRAIL POLECAT (KW)	[redacted]			TRAIL ENERGY USE COST =	$868		
TRAIL POLECAT (KWH)	[redacted]			DEMAND CHARGE =	$2,040		
TRAIL POLECAT COST	[redacted]			ENERGY TOTAL COST =	$2,908		
TIME TO COMPLETE (HRS)	20.0						

HMT-4

SELECT TRAIL NAME FROM LIST	HMT-4					
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK					
TRAIL LENGTH (FT)		838				
TRAIL AREA (SF)		90639				
ENTER PHASE SNOW DEPTH (FT)		1.5				
ENTER TEMPERATURE (DEGREES F)		20 (between 8 and 26 degrees)				
WATER VOL. REQ'D (MG)		0.7				
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)		32	25	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)		350	55	100	0	0	0
ENTER GUN SPACING (FT)		0	0	0	0	70	0
# OF GUNS		0	0	0	0	12	0
TOTAL GUN WATER USAGE (GPM)		0	0	0	0	456	0
TOTAL GUN AIR USAGE (CFM)		0	0	0	0	0	0
				POLECAT (KW/UNIT)	26.5	15	9.375
				POLECAT (KW)	0	180	0
TOTAL TRAIL WATER FLOW (GPM)	[redacted]	UPPER	0.7				
TRAIL WATER PUMPING (KW)	[redacted]						
TRAIL WATER PUMPING (KWH)	[redacted]						
TRAIL PUMPING COST	[redacted]						
TOTAL TRAIL WATER VOLUME (MG)	[redacted]						
TOTAL TRAIL AIR FLOW (CFM)	[redacted]						
TRAIL AIR (KW)	[redacted]						
TRAIL AIR (KWH)	[redacted]			TRAIL ON PEAK DEMAND (KW) =	408		
TRAIL AIR COST	[redacted]			TRAIL OFF PEAK DEMAND (KW) =	0		
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]						
TRAIL POLECAT (KW)	[redacted]			TRAIL ENERGY USE COST =	$1,580		
TRAIL POLECAT (KWH)	[redacted]			DEMAND CHARGE =	$3,060		
TRAIL POLECAT COST	[redacted]			ENERGY TOTAL COST =	$4,640		
TIME TO COMPLETE (HRS)	24.2						

HMT-5

SELECT TRAIL NAME FROM LIST	HMT-5					
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK					
TRAIL LENGTH (FT)		1390				
TRAIL AREA (SF)		146978				
ENTER PHASE SNOW DEPTH (FT)		1.5				
ENTER TEMPERATURE (DEGREES F)		20 (between 8 and 26 degrees)				
WATER VOL. REQ'D (MG)		1.1				
GUN TYPE		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)		32	25	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)		350	55	100	0	0	0
ENTER GUN SPACING (FT)		0	0	0	0	70	0
# OF GUNS		0	0	0	0	20	0
TOTAL GUN WATER USAGE (GPM)		0	0	0	0	760	0
TOTAL GUN AIR USAGE (CFM)		0	0	0	0	0	0
				POLECAT (KW/UNIT)	26.5	15	9.375
				POLECAT (KW)	0	300	0
TOTAL TRAIL WATER FLOW (GPM)	[redacted]	UPPER	1.1				
TRAIL WATER PUMPING (KW)	[redacted]						
TRAIL WATER PUMPING (KWH)	[redacted]						
TRAIL PUMPING COST	[redacted]						
TOTAL TRAIL WATER VOLUME (MG)	[redacted]						
TOTAL TRAIL AIR FLOW (CFM)	[redacted]						
TRAIL AIR (KW)	[redacted]						
TRAIL AIR (KWH)	[redacted]			TRAIL ON PEAK DEMAND (KW) =	680		
TRAIL AIR COST	[redacted]			TRAIL OFF PEAK DEMAND (KW) =	0		
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]						
TRAIL POLECAT (KW)	[redacted]			TRAIL ENERGY USE COST =	$2,558		
TRAIL POLECAT (KWH)	[redacted]			DEMAND CHARGE =	$5,100		
TRAIL POLECAT COST	[redacted]			ENERGY TOTAL COST =	$7,658		
TIME TO COMPLETE (HRS)	23.5						

HMT-6A

SELECT TRAIL NAME FROM LIST	HMT-6A	
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK	
TRAIL LENGTH (FT)		212
TRAIL AREA (SF)		13819
ENTER PHASE SNOW DEPTH (FT)		1.5
ENTER TEMPERATURE (DEGREES F)		20 (between 8 and 26 degrees)
WATER VOL. REQ'D (MG)		0.1

		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
GUN TYPE		32	25	30	56	38	24
IND. GUN WATER FLOW RATE (GPM)		350	55	100	0	0	0
IND. GUN AIR FLOW RATE (CFM)		0	0	0	0	150	0
ENTER GUN SPACING (FT)		0	0	0	0	2	0
# OF GUNS		0	0	0	0	76	0
TOTAL GUN WATER USAGE (GPM)		0	0	0	0	0	0
TOTAL GUN AIR USAGE (CFM)							
				POLECAT (KW/UNIT)	26.5	15	9,375
		UPPER	0.1	POLECAT (KW)	0	30	0
TOTAL TRAIL WATER FLOW (GPM)	73						
TRAIL WATER PUMPING (KW)	38						
TRAIL WATER PUMPING (KWH)	342						
TRAIL PUMPING COST	$195						
TOTAL TRAIL WATER VOLUME (MG)	0.1						
TOTAL TRAIL AIR FLOW (CFM)	0						
TRAIL AIR (KW)	0						
TRAIL AIR (KWH)	0						
TRAIL AIR COST	$0						
TOTAL TRAIL AIR VOLUME (MCF)	0.0						
TRAIL POLECAT (KW)	30						
TRAIL POLECAT (KWH)	351						
TRAIL POLECAT COST	$195						
TIME TO COMPLETE (HRS)	22.1						

TRAIL ON PEAK DEMAND (KW) =	68
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$241
DEMAND CHARGE =	$510
ENERGY TOTAL COST =	$751

HMT-6B

SELECT TRAIL NAME FROM LIST	HMT-6B					
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK					
TRAIL LENGTH (FT)	572					
TRAIL AREA (SF)	48604					
ENTER PHASE SNOW DEPTH (FT)	1.5					
ENTER TEMPERATURE (DEGREES F)	20 (between 8 and 26 degrees)					
WATER VOL. REQ'D (MG)	0.4					
GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	32	25	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)	350	55	100	0	0	0
ENTER GUN SPACING (FT)	0	0	0	0	80	0
# OF GUNS	0	0	0	0	8	0
TOTAL GUN WATER USAGE (GPM)	0	0	0	0	304	0
TOTAL GUN AIR USAGE (CFM)	0	0	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
			POLECAT (KW)	0	120	0
TOTAL TRAIL WATER FLOW (GPM)	[redacted]	UPPER	0.4			
TRAIL WATER PUMPING (KW)	[redacted]					
TRAIL WATER PUMPING (KWH)	[redacted]					
TRAIL PUMPING COST	[redacted]					
TOTAL TRAIL WATER VOLUME (MG)	[redacted]					
TOTAL TRAIL AIR FLOW (CFM)	[redacted]					
TRAIL AIR (KW)	[redacted]					
TRAIL AIR (KWH)	[redacted]					
TRAIL AIR COST	[redacted]					
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]					
TRAIL POLECAT (KW)	[redacted]					
TRAIL POLECAT (KWH)	[redacted]					
TRAIL POLECAT COST	[redacted]					
TIME TO COMPLETE (HRS)	19.5					

TRAIL ON PEAK DEMAND (KW) =	272
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$847
DEMAND CHARGE =	$2,040
ENERGY TOTAL COST =	$2,887

SPA-1

SELECT TRAIL NAME FROM LIST	SPA-1					
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK					
TRAIL LENGTH (FT)	1668					
TRAIL AREA (SF)	117661					
ENTER PHASE SNOW DEPTH (FT)	1.5					
ENTER TEMPERATURE (DEGREES F)	20 (between 8 and 26 degrees)					
WATER VOL. REQ'D (MG)	0.9					
GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	32	25	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)	350	55	100	0	0	0
ENTER GUN SPACING (FT)	0	0	0	0	100	0
# OF GUNS	0	0	0	0	17	0
TOTAL GUN WATER USAGE (GPM)	0	0	0	0	646	0
TOTAL GUN AIR USAGE (CFM)	0	0	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
			POLECAT (KW)	0	255	0
TOTAL TRAIL WATER FLOW (GPM)	[redacted]	UPPER	0.9			
TRAIL WATER PUMPING (KW)	[redacted]					
TRAIL WATER PUMPING (KWH)	[redacted]					
TRAIL PUMPING COST	[redacted]					
TOTAL TRAIL WATER VOLUME (MG)	[redacted]					
TOTAL TRAIL AIR FLOW (CFM)	[redacted]					
TRAIL AIR (KW)	[redacted]					
TRAIL AIR (KWH)	[redacted]					
TRAIL AIR COST	[redacted]					
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]					
TRAIL POLECAT (KW)	[redacted]					
TRAIL POLECAT (KWH)	[redacted]					
TRAIL POLECAT COST	[redacted]					
TIME TO COMPLETE (HRS)	22.2					

TRAIL ON PEAK DEMAND (KW) =	578
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$2,050
DEMAND CHARGE =	$4,335
ENERGY TOTAL COST =	$6,385

SPA-2

SELECT TRAIL NAME FROM LIST	SPA-2					
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK					
TRAIL LENGTH (FT)	1900					
TRAIL AREA (SF)	178726					
ENTER PHASE SNOW DEPTH (FT)	1.5					
ENTER TEMPERATURE (DEGREES F)	20 (between 8 and 26 degrees)					
WATER VOL. REQ'D (MG)	1.3					
GUN TYPE	SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
IND. GUN WATER FLOW RATE (GPM)	32	25	30	56	38	24
IND. GUN AIR FLOW RATE (CFM)	350	55	100	0	0	0
ENTER GUN SPACING (FT)	0	0	0	0	80	0
# OF GUNS	0	0	0	0	24	0
TOTAL GUN WATER USAGE (GPM)	0	0	0	0	912	0
TOTAL GUN AIR USAGE (CFM)	0	0	0	0	0	0
			POLECAT (KW/UNIT)	26.5	15	9.375
			POLECAT (KW)	0	360	0
TOTAL TRAIL WATER FLOW (GPM)	[redacted]	UPPER	1.3			
TRAIL WATER PUMPING (KW)	[redacted]					
TRAIL WATER PUMPING (KWH)	[redacted]					
TRAIL PUMPING COST	[redacted]					
TOTAL TRAIL WATER VOLUME (MG)	[redacted]					
TOTAL TRAIL AIR FLOW (CFM)	[redacted]					
TRAIL AIR (KW)	[redacted]					
TRAIL AIR (KWH)	[redacted]					
TRAIL AIR COST	[redacted]					
TOTAL TRAIL AIR VOLUME (MCF)	[redacted]					
TRAIL POLECAT (KW)	[redacted]					
TRAIL POLECAT (KWH)	[redacted]					
TRAIL POLECAT COST	[redacted]					
TIME TO COMPLETE (HRS)	23.8					

TRAIL ON PEAK DEMAND (KW) =	815
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$3,111
DEMAND CHARGE =	$6,120
ENERGY TOTAL COST =	$9,231

SPA-3

SELECT TRAIL NAME FROM LIST	SPA-3						
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK						
TRAIL LENGTH (FT)		1513					
TRAIL AREA (SF)		43363					
ENTER PHASE SNOW DEPTH (FT)		1.5					
ENTER TEMPERATURE (DEGREES F)		20 (between 8 and 26 degrees)					
WATER VOL. REQ'D (MG)		0.3					
		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
GUN TYPE		32	25	30	56	38	24
IND. GUN WATER FLOW RATE (GPM)		350	55	100	0	0	0
IND. GUN AIR FLOW RATE (CFM)		0	0	0	0	200	0
ENTER GUN SPACING (FT)		0	0	0	0	8	0
# OF GUNS		0	0	0	0	304	0
TOTAL GUN WATER USAGE (GPM)		0	0	0	0	0	0
TOTAL GUN AIR USAGE (CFM)		0	0	0			
				POLECAT (KW/UNIT)	26.5	15	9.375
				POLECAT (KW)	0	120	0
TOTAL TRAIL WATER FLOW (GPM)	304	UPPER	0.3				
TRAIL WATER PUMPING (KW)	152						
TRAIL WATER PUMPING (KWH)	2642						
TRAIL PUMPING COST	$1,423						
TOTAL TRAIL WATER VOLUME (MG)	0.3						
TOTAL TRAIL AIR FLOW (CFM)	0						
TRAIL AIR (KW)	0						
TRAIL AIR (KWH)	0						
TRAIL AIR COST	$0						
TOTAL TRAIL AIR VOLUME (MCF)	0.0						
TRAIL POLECAT (KW)	120						
TRAIL POLECAT (KWH)	2086						
TRAIL POLECAT COST	$1,124						
TIME TO COMPLETE (HRS)	17.4						

TRAIL ON PEAK DEMAND (KW) =	272
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$756
DEMAND CHARGE =	$2,040
ENERGY TOTAL COST =	$2,796

HMT-7

SELECT TRAIL NAME FROM LIST	HMT-7						
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK						
TRAIL LENGTH (FT)		1358					
TRAIL AREA (SF)		125895					
ENTER PHASE SNOW DEPTH (FT)		1.5					
ENTER TEMPERATURE (DEGREES F)		20 (between 8 and 26 degrees)					
WATER VOL. REQ'D (MG)		0.9					
		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
GUN TYPE		32	25	30	56	38	24
IND. GUN WATER FLOW RATE (GPM)		350	55	100	0	0	0
IND. GUN AIR FLOW RATE (CFM)		0	0	0	0	80	0
ENTER GUN SPACING (FT)		0	0	0	0	17	0
# OF GUNS		0	0	0	0	646	0
TOTAL GUN WATER USAGE (GPM)		0	0	0	0	0	0
TOTAL GUN AIR USAGE (CFM)							
				POLECAT (KW/UNIT)	26.5	15	9.375
				POLECAT (KW)	0	255	0
TOTAL TRAIL WATER FLOW (GPM)	646	UPPER	0.9				
TRAIL WATER PUMPING (KW)	323						
TRAIL WATER PUMPING (KWH)	7653						
TRAIL PUMPING COST	$1,225						
TOTAL TRAIL WATER VOLUME (MG)	0.9						
TOTAL TRAIL AIR FLOW (CFM)	0						
TRAIL AIR (KW)	0						
TRAIL AIR (KWH)	0						
TRAIL AIR COST	$0						
TOTAL TRAIL AIR VOLUME (MCF)	0.0						
TRAIL POLECAT (KW)	255						
TRAIL POLECAT (KWH)	5933						
TRAIL POLECAT COST	$3,167						
TIME TO COMPLETE (HRS)	23.7						

TRAIL ON PEAK DEMAND (KW) =	578
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$2,193
DEMAND CHARGE =	$4,335
ENERGY TOTAL COST =	$6,528

HMT-8

SELECT TRAIL NAME FROM LIST	HMT-8						
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK						
TRAIL LENGTH (FT)		3411					
TRAIL AREA (SF)		129454					
ENTER PHASE SNOW DEPTH (FT)		1.5					
ENTER TEMPERATURE (DEGREES F)		20 (between 8 and 26 degrees)					
WATER VOL. REQ'D (MG)		0.9					
		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
GUN TYPE		32	25	30	56	38	24
IND. GUN WATER FLOW RATE (GPM)		350	55	100	0	0	0
IND. GUN AIR FLOW RATE (CFM)		0	0	0	0	150	0
ENTER GUN SPACING (FT)		0	0	0	0	23	0
# OF GUNS		0	0	0	0	874	0
TOTAL GUN WATER USAGE (GPM)		0	0	0	0	0	0
TOTAL GUN AIR USAGE (CFM)							
				POLECAT (KW/UNIT)	26.5	15	9.375
				POLECAT (KW)	0	345	0
TOTAL TRAIL WATER FLOW (GPM)	874	UPPER	0.9				
TRAIL WATER PUMPING (KW)	437						
TRAIL WATER PUMPING (KWH)	7875						
TRAIL PUMPING COST	$1,260						
TOTAL TRAIL WATER VOLUME (MG)	0.9						
TOTAL TRAIL AIR FLOW (CFM)	0						
TRAIL AIR (KW)	0						
TRAIL AIR (KWH)	0						
TRAIL AIR COST	$0						
TOTAL TRAIL AIR VOLUME (MCF)	0.0						
TRAIL POLECAT (KW)	345						
TRAIL POLECAT (KWH)	6217						
TRAIL POLECAT COST	$3,321						
TIME TO COMPLETE (HRS)	18.0						

TRAIL ON PEAK DEMAND (KW) =	782
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	$2,255
DEMAND CHARGE =	$5,865
ENERGY TOTAL COST =	$8,120

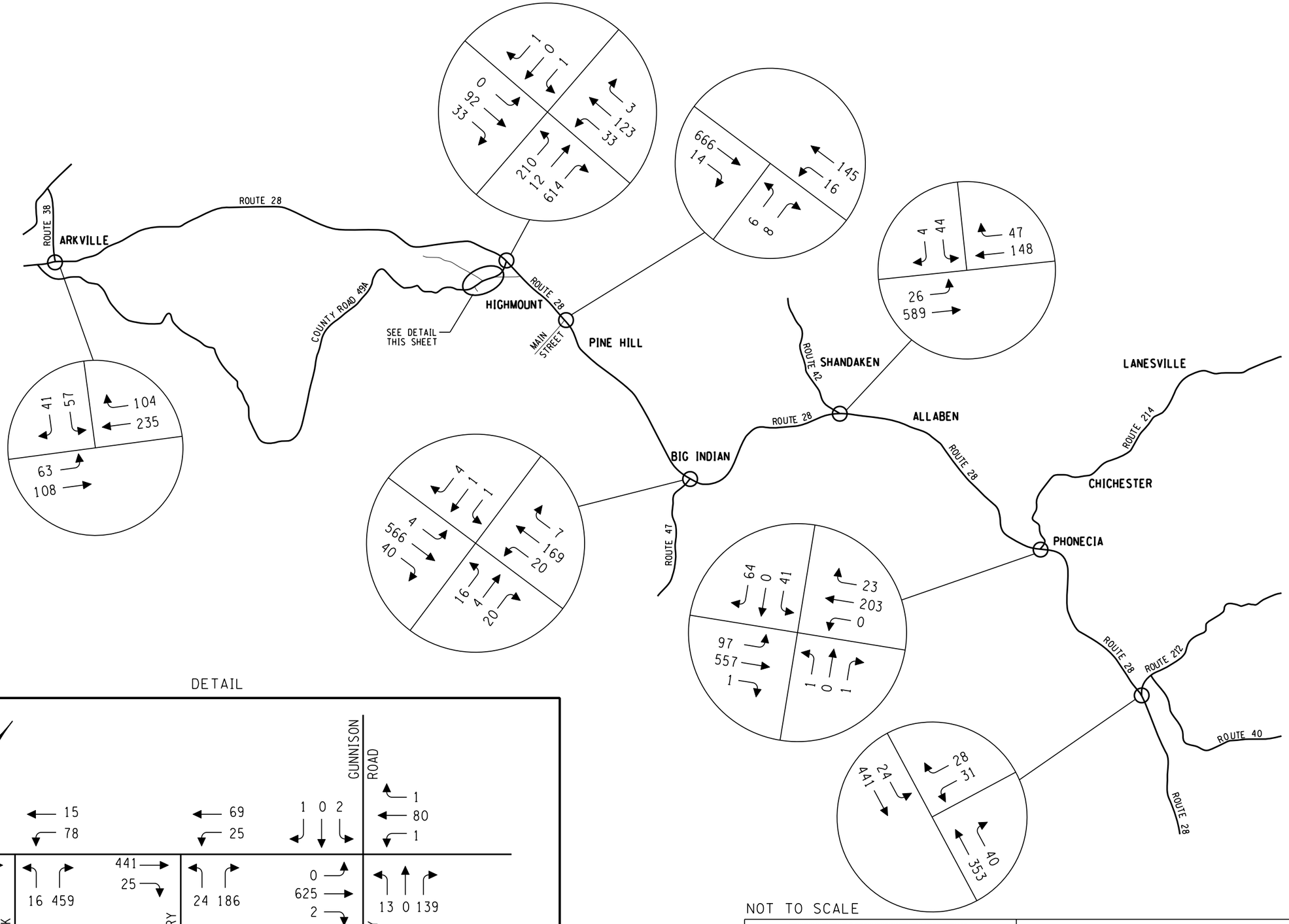
HMT-9B

SELECT TRAIL NAME FROM LIST	HMT-9B		
SELECT ON PEAK/ OFF PEAK OPERATION	ON PEAK		
TRAIL LENGTH (FT)		1259	
TRAIL AREA (SF)		56692	
ENTER PHASE SNOW DEPTH (FT)		1.5	
ENTER TEMPERATURE (DEGREES F)		20 (between 8 and 26 degrees)	
WATER VOL. REQ'D (MG)		0.4	

		SNOW GIANT HIGH E	SKY GIANT LOW E	HKD SV10 LOW E	SUPER POLECAT	STD POLECAT	KID POLECAT
GUN TYPE		32	25	30	56	38	24
IND. GUN WATER FLOW RATE (GPM)		350	55	100	0	0	0
IND. GUN AIR FLOW RATE (CFM)		0	0	0	0	150	0
ENTER GUN SPACING (FT)		0	0	0	0	9	0
# OF GUNS		0	0	0	0	342	0
TOTAL GUN WATER USAGE (GPM)		0	0	0	0	0	0
TOTAL GUN AIR USAGE (CFM)							
				POLECAT (KW/UNIT)	26.5	15	9.375
				POLECAT (KW)	0	135	0
TOTAL TRAIL WATER FLOW (GPM)	312	UPPER	0.4				
TRAIL WATER PUMPING (KW)	174						
TRAIL WATER PUMPING (KWH)	3450						
TRAIL PUMPING COST	$552						
TOTAL TRAIL WATER VOLUME (MG)	0.4						
TOTAL TRAIL AIR FLOW (CFM)	0						
TRAIL AIR (KW)	0						
TRAIL AIR (KWH)	0						
TRAIL AIR COST	$0						
TOTAL TRAIL AIR VOLUME (MCF)	0.0						
TRAIL POLECAT (KW)	135						
TRAIL POLECAT (KWH)	2700						
TRAIL POLECAT COST	$432						
TIME TO COMPLETE (HRS)	20.2						

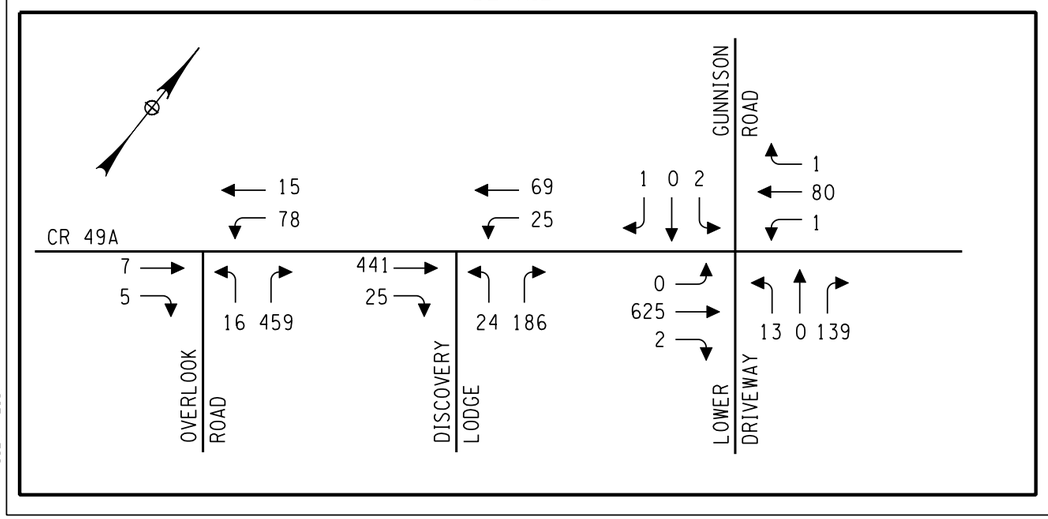
TRAIL ON PEAK DEMAND (KW) =	306
TRAIL OFF PEAK DEMAND (KW) =	0
TRAIL ENERGY USE COST =	**$988**
DEMAND CHARGE =	**$2,295**
ENERGY TOTAL COST =	**$3,283**

6 Traffic Data



NOT TO SCALE

DETAIL



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2008 EXISTING TRAFFIC VOLUMES SATURDAY PEAK HOUR

BELLEAYRE MOUNTAIN SKI CENTER
UMP

FIGURE
1

DATE: 09/09

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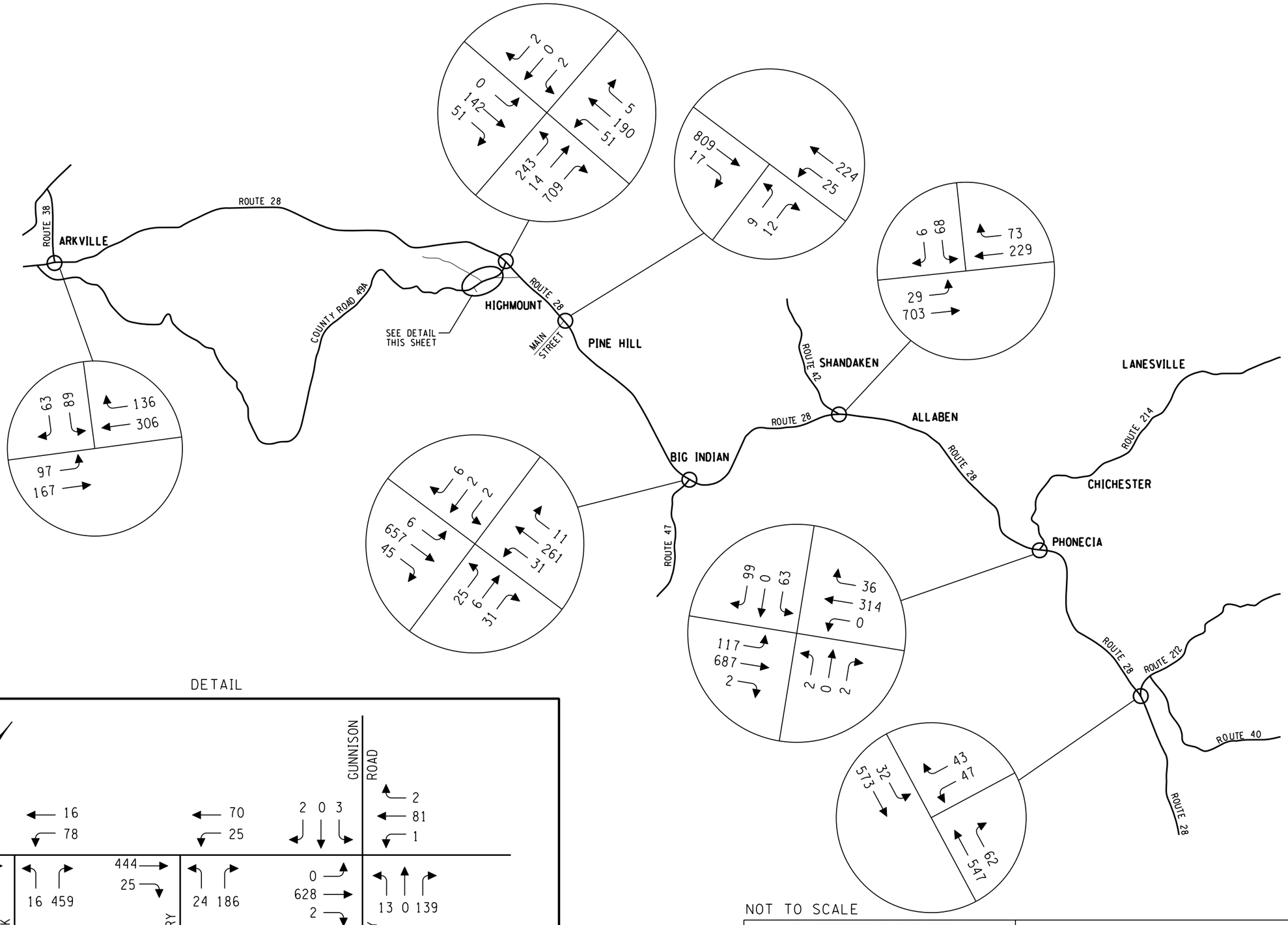

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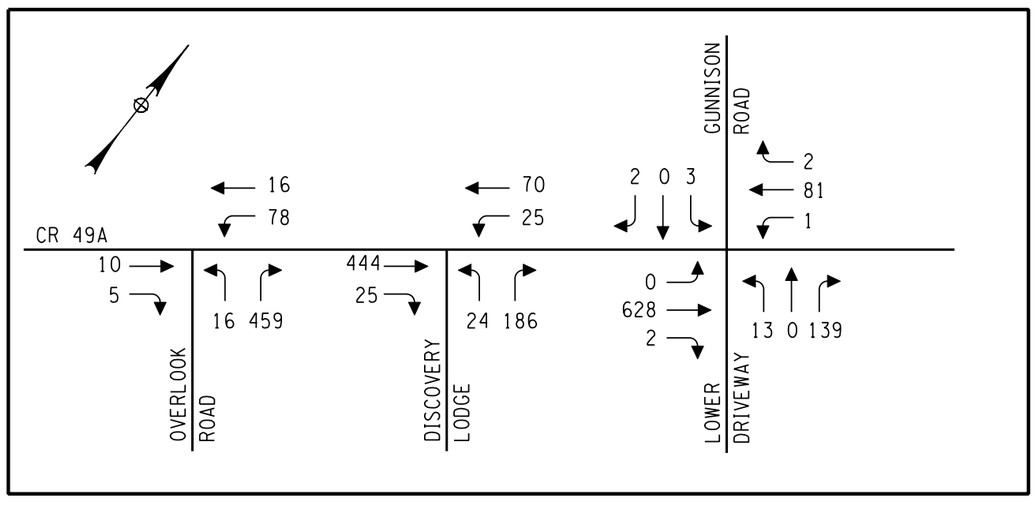

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2035 (ETC+20) NO-BUILD TRAFFIC VOLUMES
SATURDAY PEAK HOUR

BELLEAYRE MOUNTAIN SKI CENTER
UMP

FIGURE
4

DATE: 09/09

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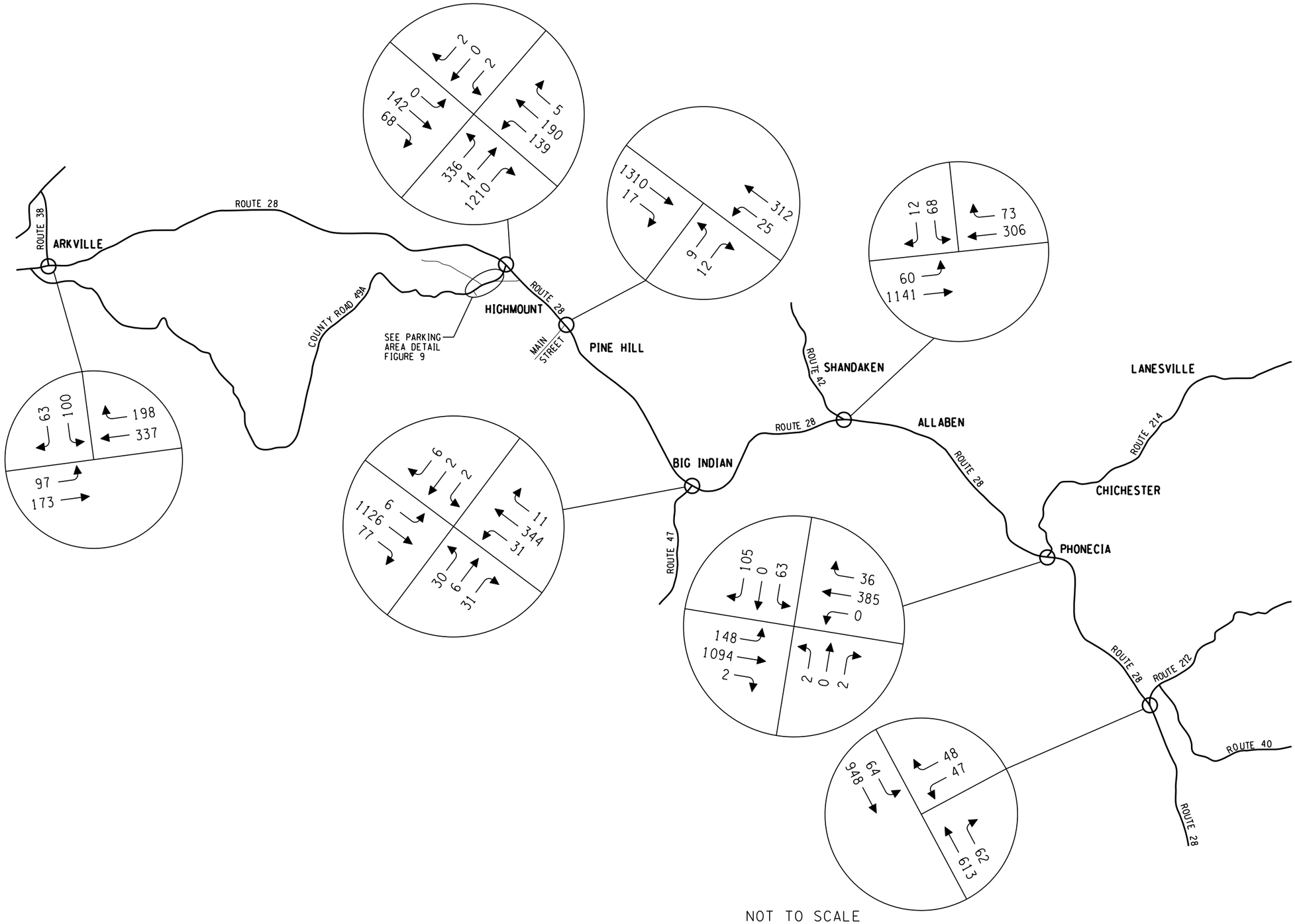

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2035 (ETC+20) BUILD TRAFFIC VOLUMES
SATURDAY PEAK HOUR

BELLEAYRE MOUNTAIN SKI CENTER
UMP

FIGURE
8

DATE: 09/09

FILE NAME = U:\18882\CADD\MSTN\TRAFFIC_FIGURES_2035_BUILD.dgn
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