



November 25, 2025

Chairperson Dawn N.S. Chang
Department of Land and Natural Resources
Kalanimoku Building
1151 Punchbowl St.
Honolulu, HI 96813
Dawn.chang@hawaii.gov

SUBJECT: PRODUCTION AND INJECTION REPORTS – OCTOBER 2025

Dear Chairperson Chang:

Pursuant to DLNR Regulation 18-183-86, Puna Geothermal Venture hereby submits the required production and injection reports for October 2025.

Should you have any questions or need any additional information, please contact me at (808) 965-2847 or spakele@ormat.com.

Sincerely,

Summer Pakele
Environmental Compliance Coordinator

Encl.: 2025 October Production and Injection Reports

cc: Philip M. Nigro, DLNR Geologist II, Engineering Division
Gayson Ching, DLNR Project Management and Mineral Resources Branch Chief
Megan Hubbard, DLNR Mineral Resources Specialist
PGV File

PUNA GEOTHERMAL VENTURE

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PUNA GEOTHERMAL VENTURE

COMBINED PRODUCTION DATA

DATE	STEAM FLOW (K LB)	BRINE FLOW (K LB)	TOTAL MASS (K LB)	% BRINE	% STEAM	AVG STEAM FLOW	AVG BRINE FLOW (K LB/HR)	AVG TOTAL MASS FLOW (K LB/HR)	AVG. NETPOWER (MW)			AVG WELLHEAD TEMP (F)	HRS ON PROD
									MAIN PLANT	BTM UNIT	TOTAL		
10/1/2025	10,630	23,229	33,859	68.6	31.4	443	968	1411	23.4	5.2	28.6	450	24
10/2/2025	8,526	20,425	28,951	70.5	29.5	355	851	1206	18.2	3.9	22.1	466	24
10/3/2025	9,211	21,747	30,958	70.2	29.8	384	906	1290	19.9	4.0	23.9	454	24
10/4/2025	9,792	23,734	33,526	70.8	29.2	408	989	1397	21.3	5.2	26.5	453	24
10/5/2025	9,729	23,725	33,454	70.9	29.1	405	989	1394	21.2	5.2	26.4	453	24
10/6/2025	9,679	23,436	33,115	70.8	29.2	403	977	1380	21.0	5.2	26.3	447	24
10/7/2025	9,636	23,293	32,929	70.7	29.3	402	971	1372	20.9	5.2	26.1	450	24
10/8/2025	9,694	22,744	32,438	70.1	29.9	404	948	1352	21.1	5.1	26.2	454	24
10/9/2025	9,810	22,002	31,812	69.2	30.8	409	917	1325	21.4	5.2	26.6	449	24
10/10/2025	10,062	22,430	32,492	69.0	31.0	419	935	1354	22.0	5.1	27.1	443	24
10/11/2025	10,082	23,708	33,790	70.2	29.8	420	988	1408	22.0	4.9	27.0	445	24
10/12/2025	10,058	23,760	33,818	70.3	29.7	419	990	1409	22.0	4.9	26.9	443	24
10/13/2025	9,795	23,208	33,003	70.3	29.7	408	967	1375	21.3	5.1	26.5	443	24
10/14/2025	9,560	23,469	33,029	71.1	28.9	398	978	1376	20.8	5.2	26.0	440	24
10/15/2025	9,341	23,682	33,023	71.7	28.3	389	987	1376	20.2	5.2	25.4	408	24
10/16/2025	9,120	23,032	32,152	71.6	28.4	380	960	1340	19.7	5.0	24.7	430	24
10/17/2025	8,808	23,550	32,358	72.8	27.2	367	981	1348	18.9	5.0	23.9	427	24
10/18/2025	8,646	23,523	32,169	73.1	26.9	360	980	1340	18.5	5.0	23.5	415	24
10/19/2025	8,516	23,467	31,983	73.4	26.6	355	978	1333	18.2	4.8	23.0	427	24
10/20/2025	8,756	24,181	32,937	73.4	26.6	365	1008	1372	18.8	4.7	23.4	429	24
10/21/2025	8,801	24,045	32,846	73.2	26.8	367	1002	1369	18.9	4.7	23.6	431	24
10/22/2025	8,707	23,518	32,224	73.0	27.0	363	980	1343	18.6	4.6	23.2	429	24
10/23/2025	7,811	22,435	30,246	74.2	25.8	325	935	1260	16.4	4.1	20.5	373	24
10/24/2025	7,721	22,756	30,477	74.7	25.3	322	948	1270	16.2	4.0	20.2	453	24
10/25/2025	9,324	19,178	28,502	67.3	32.7	389	799	1188	20.2	3.4	23.5	490	24
10/26/2025	6,805	15,724	22,529	69.8	30.2	284	655	939	14.0	0.0	14.0	485	24
10/27/2025	6,165	16,731	22,896	73.1	26.9	257	697	954	12.4	0.0	12.4	493	24
10/28/2025	5,421	17,430	22,851	76.3	23.7	226	726	952	10.5	0.0	10.5	491	24
10/29/2025	4,954	17,366	22,320	77.8	22.2	206	724	930	9.4	0.0	9.4	487	24
10/30/2025	4,766	16,712	21,478	77.8	22.2	199	696	895	8.9	0.0	8.9	484	24
10/31/2025	4,432	16,681	21,113	79.0	21.0	185	695	880	8.1	0.0	8.1	479	24
Mo. Totals/Avg	264,357	674,921	939,278	72.1	27.9	355	907	1262	18.2	3.9	22.1	449	24

PUNA GEOTHERMAL VENTURE

PRODUCTION WELL DATA

DATE	KS-10		KS-14		KS-17		KS-18		KS-19		KS-22	
	AVG WHP (PSIG)	AVG WHT (F)	AVG WHP (PSIG)	AVG WHT (F)	AVG WHP (PSIG)	AVG WHT (F)	AVG WHP (PSIG)	AVG WHT (F)	AVG WHP (PSIG)	AVG WHT (F)	AVG WHP (PSIG)	AVG WHT (F)
10/1/2025			0	70	322	424	431	453	369	443	543	482
10/2/2025			0	70	504	468	516	471	381	445	541	480
10/3/2025			0	70	411	445	439	455	372	440	539	478
10/4/2025			0	70	362	435	445	457	370	441	538	480
10/5/2025			0	70	353	432	460	460	370	440	537	480
10/6/2025			0	70	352	432	431	453	371	438	536	467
10/7/2025			0	70	389	434	441	456	371	438	538	475
10/8/2025			0	70	481	452	446	456	375	441	439	466
10/9/2025			0	70	446	448	456	460	376	439	411	450
10/10/2025			0	70	405	435	449	458	370	435	400	445
10/11/2025			0	70	356	433	439	456	366	440	405	452
10/12/2025			0	70	341	429	446	455	365	440	398	449
10/13/2025			0	70	342	430	444	457	371	443	392	440
10/14/2025			0	70	348	431	447	456	369	440	368	435
10/15/2025			0	70	341	430	442	455	368	438	324	312
10/16/2025			0	70	331	426	442	455	363	433	313	406
10/17/2025			0	70	313	423	443	456	356	434	304	394
10/18/2025			0	70	357	431	434	456	355	436	300	340
10/19/2025			0	70	339	428	437	456	355	437	298	388
10/20/2025			0	70	318	423	441	457	358	437	297	398
10/21/2025			0	70	312	421	442	457	360	440	300	408
10/22/2025			0	70	313	422	440	457	394	447	341	391
10/23/2025			0	70	296	420	441	456	536	472	486	145
10/24/2025			0	73	498	469	485	466	646	476	420	402
10/25/2025			0	73	714	480	538	511	667	496	543	475
10/26/2025			0	73	731	482	446	458	821	516	594	485
10/27/2025			0	73	731	506	443	458	768	516	597	491
10/28/2025			0	73	726	506	456	461	712	507	594	491
10/29/2025			0	73	725	505	434	455	629	497	593	491
10/30/2025			0	73	698	502	442	457	598	491	582	489
10/31/2025			0	73	609	487	451	459	594	488	553	483
Monthly Average			0	71	444	448	450	459	454	455	452	434

PUNA GEOTHERMAL VENTURE

COMBINED INJECTION WELL DATA QUANTITIES OF FLUID INJECTED

DATE	GEOFLUID KLB	WE LL WATER KLB	RAW WATER KLB	TOTAL INJE CTION		INJECTION		(R)22 GAL	R322 GAL	203 GAL	WPA-GG GAL	G442 GAL	Bio- spense GAL	NaOH GAL	Royal Purple GAL	98% Acid GAL
				KLB	GAL	KPH	GPM									
10/1/2025	33,859	0	0	33,859	4,154,106	1411	2,885	0	0	0	35	30	1	0	0	12
10/2/2025	28,951	0	0	28,951	3,551,857	1206	2,467	0	0	0	25	35	1	0	0	9
10/3/2025	30,958	0	0	30,958	3,798,191	1290	2,638	0	0	0	30	20	0	0	0	10
10/4/2025	33,526	0	0	33,526	4,113,186	1397	2,856	0	0	0	25	35	1	0	0	12
10/5/2025	33,454	0	0	33,454	4,104,426	1394	2,850	0	0	0	25	30	1	0	0	12
10/6/2025	33,115	0	0	33,115	4,062,737	1380	2,821	0	0	0	30	32	0	0	0	12
10/7/2025	32,929	0	0	32,929	4,039,944	1372	2,806	0	0	0	30	36	3	0	0	12
10/8/2025	32,438	0	0	32,438	3,979,743	1352	2,764	0	0	0	30	35	0	0	0	11
10/9/2025	31,812	0	0	31,812	3,902,888	1325	2,710	0	0	0	20	29	2	0	0	11
10/10/2025	32,492	0	0	32,492	3,986,349	1354	2,768	0	0	0	35	33	2	0	0	11
10/11/2025	33,790	0	0	33,790	4,145,571	1408	2,879	0	0	0	25	35	0	0	0	11
10/12/2025	33,818	0	0	33,818	4,149,034	1409	2,881	0	0	0	30	32	1	0	0	12
10/13/2025	33,003	0	0	33,003	4,049,091	1375	2,812	0	0	0	22	25	0	0	0	12
10/14/2025	33,029	0	0	33,029	4,052,269	1376	2,814	0	0	0	28	33	1	0	0	12
10/15/2025	33,023	0	0	33,023	4,051,460	1376	2,814	0	0	0	20	35	1	0	0	12
10/16/2025	32,152	0	0	32,152	3,944,646	1340	2,739	0	0	0	35	30	1	0	0	11
10/17/2025	32,358	0	0	32,358	3,969,868	1348	2,757	0	0	0	25	35	1	0	0	11
10/18/2025	32,169	0	0	32,169	3,946,697	1340	2,741	0	0	0	30	30	1	0	0	10
10/19/2025	31,983	0	0	31,983	3,923,861	1333	2,725	0	0	0	30	35	2	0	0	10
10/20/2025	32,937	0	0	32,937	4,040,899	1372	2,806	0	0	0	25	30	1	0	0	10
10/21/2025	32,846	0	0	32,846	4,029,811	1369	2,798	0	0	0	25	15	1	0	0	10
10/22/2025	32,224	0	0	32,224	3,953,484	1343	2,745	0	0	0	25	15	1	0	0	11
10/23/2025	30,246	0	0	30,246	3,710,752	1260	2,577	0	0	0	30	15	1	0	0	10
10/24/2025	30,477	0	0	30,477	3,739,165	1270	2,597	0	0	0	20	15	1	0	0	11
10/25/2025	28,502	0	0	28,502	3,496,870	1188	2,428	0	0	0	35	15	1	0	0	7
10/26/2025	22,529	0	0	22,529	2,763,978	939	1,919	0	0	0	15	25	1	0	0	0
10/27/2025	22,896	0	0	22,896	2,809,010	954	1,951	0	0	0	25	30	1	0	0	0
10/28/2025	22,851	0	0	22,851	2,803,562	952	1,947	0	0	0	25	15	1	0	0	0
10/29/2025	22,320	0	0	22,320	2,738,321	930	1,902	0	0	0	30	35	1	0	0	0
10/30/2025	21,478	0	0	21,478	2,635,041	895	1,830	0	0	0	25	16	1	0	0	0
10/31/2025	21,113	0	0	21,113	2,590,262	880	1,799	0	0	0	25	16	1	0	0	0
Total	939,278	0	0	939,278	115,237,079	39,137	80,026	0	0	0	835	847	31	0	0	272
Minimum	21,113	0	0	21,113	2,590,262	880	1,799	0	0	0	15	15	0	0	0	0
Average	30,299	0	0	30,299	3,717,325	1,262	2,581	0	0	0	27	27	1	0	0	9
Maximum	33,859	0	0	33,859	4,154,106	1,411	2,885	0	0	0	35	36	3	0	0	12

PUNA GEOTHERMAL VENTURE

KS-3 INJECTION WELL DATA QUANTITIES OF FLUID INJECTED

DATE	HRS ON INJ.	GEO- FLUID (KLB)	SUPPLY Water (KLB)	TOTAL		AVERAGE INJ. RATE		WELLHEAD PRESS. (PSIG)		AVERAGE ANNULUS N2 PRESS (PSIG)	AVERAGE INJ TEMP (DEG F)
				KBL	GAL	KPH	GPM	AVG	MAX		
10/1/2025	0	0	0	0	0	0	0	388	405	0	78
10/2/2025	0	0	0	0	0	0	0	388	405	0	75
10/3/2025	0	0	0	0	0	0	0	400	400	0	87
10/4/2025	0	0	0	0	0	0	0	405	405	0	73
10/5/2025	0	0	0	0	0	0	0	404	405	0	73
10/6/2025	0	0	0	0	0	0	0	403	405	0	78
10/7/2025	0	0	0	0	0	0	0	405	405	0	79
10/8/2025	0	0	0	0	0	0	0	403	405	0	85
10/9/2025	0	0	0	0	0	0	0	403	405	0	71
10/10/2025	0	0	0	0	0	0	0	400	400	0	70
10/11/2025	0	0	0	0	0	0	0	403	405	0	82
10/12/2025	0	0	0	0	0	0	0	403	405	0	82
10/13/2025	0	0	0	0	0	0	0	400	400	0	83
10/14/2025	0	0	0	0	0	0	0	400	400	0	84
10/15/2025	0	0	0	0	0	0	0	403	405	0	71
10/16/2025	0	0	0	0	0	0	0	400	400	0	75
10/17/2025	0	0	0	0	0	0	0	403	405	0	71
10/18/2025	0	0	0	0	0	0	0	403	405	0	83
10/19/2025	0	0	0	0	0	0	0	91	150	0	76
10/20/2025	0	0	0	0	0	0	0	15	30	0	76
10/21/2025	0	0	0	0	0	0	0	0	0	0	73
10/22/2025	0	0	0	0	0	0	0	0	0	0	74
10/23/2025	0	0	0	0	0	0	0	0	0	0	73
10/24/2025	0	0	0	0	0	0	0	0	0	0	71
10/25/2025	0	0	0	0	0	0	0	0	0	0	68
10/26/2025	0	0	0	0	0	0	0	0	0	0	72
10/27/2025	0	0	0	0	0	0	0	0	0	0	74
10/28/2025	0	0	0	0	0	0	0	0	0	0	75
10/29/2025	0	0	0	0	0	0	0	0	0	0	73
10/30/2025	0	0	0	0	0	0	0	0	0	0	73
10/31/2025	0	0	0	0	0	0	0	0	0	0	71
Total	0	0	0	0	0						
Minimum	0	0	0	0	0	0	0	0	0	0	68
Average	0	0	0	0	0	0	0	236	240	0	76
Maximum	0	0	0	0	0	0	0	405	405	0	87

KS-11 INJECTION WELL DATA

QUANTITIES OF FLUID INJECTED

[illegible]

PUNA GEOTHERMAL VENTURE

KS-13 INJECTION WELL DATA QUANTITIES OF FLUID INJECTED

DATE	HRS ON INJ.	GEO- FLUID (KLB)	SUPPLY Water (KLB)	TOTAL		AVERAGE INJ. RATE		WELLHEAD PRESS. (PSIG)		AVERAGE ANNULUS N2 PRESS (PSIG)	AVERAGE INJ TEMP (DEG F)
				KBL	GAL	KPH	GPM	AVG	MAX		
10/1/2025	24	1806	0	1806	223194	72	155	433	435	1350	193
10/2/2025	24	1552	0	1552	191811	62	133	435	440	1328	239
10/3/2025	24	1692	0	1692	209183	67	145	434	443	1298	191
10/4/2025	24	1786	0	1786	220756	71	153	429	438	1418	192
10/5/2025	24	1716	0	1716	212040	68	147	435	435	1380	197
10/6/2025	24	1532	0	1532	189399	61	132	435	438	1350	195
10/7/2025	24	1442	0	1442	178207	57	124	430	440	1313	195
10/8/2025	24	1227	0	1227	151704	49	105	429	431	1433	194
10/9/2025	24	1002	0	1002	123887	40	86	420	425	1380	190
10/10/2025	24	1004	0	1004	124121	40	86	425	425	1358	189
10/11/2025	24	1748	0	1748	216000	69	150	438	438	1320	192
10/12/2025	24	1748	0	1748	216000	69	150	433	435	1290	191
10/13/2025	24	1200	0	1200	148334	48	103	443	445	1433	195
10/14/2025	24	1720	0	1720	212590	68	148	439	439	1403	197
10/15/2025	24	1748	0	1748	216000	69	150	438	440	1358	193
10/16/2025	24	1748	0	1748	216000	69	150	431	440	1328	191
10/17/2025	24	1748	0	1748	216000	69	150	420	420	1440	190
10/18/2025	24	1748	0	1748	216000	69	150	410	411	1403	189
10/19/2025	24	1748	0	1748	216000	69	150	412	418	1365	192
10/20/2025	24	1981	0	1981	244800	79	170	423	430	1343	194
10/21/2025	24	1887	0	1887	233280	75	162	425	430	1328	192
10/22/2025	24	1212	0	1212	149808	48	104	425	430	1350	194
10/23/2025	24	1545	0	1545	191008	61	133	380	410	1335	187
10/24/2025	24	1665	0	1665	205842	66	143	393	425	1320	195
10/25/2025	24	1457	0	1457	180037	58	125	422	425	1320	193
10/26/2025	24	1457	0	1457	180028	58	125	450	468	1343	308
10/27/2025	24	1638	0	1638	202462	65	141	455	460	1335	305
10/28/2025	24	1756	0	1756	217085	70	151	465	470	1313	307
10/29/2025	24	1822	0	1822	225232	72	156	465	466	1320	308
10/30/2025	24	1886	0	1886	233077	75	162	465	465	1343	300
10/31/2025	24	1888	0	1888	233315	75	162	468	470	1380	303
Total	744	50108	0	50108	6193200						
Minimum	24	1002	0	1002	123887	40	86	380	410	1290	187
Average	24	1616	0	1616	199781	64	139	432	438	1354	216
Maximum	24	1981	0	1981	244800	79	170	468	470	1440	308

PUNA GEOTHERMAL VENTURE

KS-15 INJECTION WELL DATA QUANTITIES OF FLUID INJECTED

DATE	HRS ON INJ.	GEO- FLUID (KLB)	SUPPLY Water (KLB)	TOTAL		AVERAGE INJ. RATE		WELLHEAD PRESS. (PSIG)		AVERAGE ANNULUS N2 PRESS (PSIG)	AVERAGE INJ TEMP (DEG F)
				KBL	GAL	KPH	GPM	AVG	MAX		
10/1/2025	0	0	0	0	0	0	0	150	150	135	78
10/2/2025	0	0	0	0	0	0	0	150	150	135	78
10/3/2025	0	0	0	0	0	0	0	150	150	135	83
10/4/2025	0	0	0	0	0	0	0	150	150	135	74
10/5/2025	0	0	0	0	0	0	0	149	150	135	74
10/6/2025	0	0	0	0	0	0	0	150	150	135	85
10/7/2025	0	0	0	0	0	0	0	150	150	135	80
10/8/2025	0	0	0	0	0	0	0	145	150	135	80
10/9/2025	0	0	0	0	0	0	0	150	150	135	73
10/10/2025	0	0	0	0	0	0	0	150	150	135	73
10/11/2025	0	0	0	0	0	0	0	150	150	135	83
10/12/2025	0	0	0	0	0	0	0	150	150	135	85
10/13/2025	0	0	0	0	0	0	0	145	150	135	84
10/14/2025	0	0	0	0	0	0	0	150	150	135	87
10/15/2025	0	0	0	0	0	0	0	150	150	135	75
10/16/2025	0	0	0	0	0	0	0	150	150	135	75
10/17/2025	0	0	0	0	0	0	0	150	150	135	70
10/18/2025	0	0	0	0	0	0	0	148	150	135	78
10/19/2025	0	0	0	0	0	0	0	149	150	135	73
10/20/2025	0	0	0	0	0	0	0	150	150	135	80
10/21/2025	0	0	0	0	0	0	0	145	150	135	80
10/22/2025	0	0	0	0	0	0	0	150	150	135	73
10/23/2025	0	0	0	0	0	0	0	150	150	135	74
10/24/2025	0	0	0	0	0	0	0	143	150	135	76
10/25/2025	0	0	0	0	0	0	0	150	150	135	71
10/26/2025	0	0	0	0	0	0	0	150	150	135	73
10/27/2025	0	0	0	0	0	0	0	149	150	135	76
10/28/2025	0	0	0	0	0	0	0	148	150	135	76
10/29/2025	0	0	0	0	0	0	0	145	150	135	75
10/30/2025	0	0	0	0	0	0	0	150	150	135	73
10/31/2025	0	0	0	0	0	0	0	148	150	135	74
Total	0	0	0	0	0						
Minimum	0	0	0	0	0	0	0	143	150	135	70
Average	0	0	0	0	0	0	0	149	150	135	77
Maximum	0	0	0	0	0	0	0	150	150	135	87

PUNA GEOTHERMAL VENTURE

KS-20 INJECTION WELL DATA QUANTITIES OF FLUID INJECTED

DATE	HRS ON INJ.	GEO- FLUID (KLB)	SUPPLY Water (KLB)	TOTAL		AVERAGE INJ. RATE		WELLHEAD PRESS. (PSIG)		AVERAGE ANNULUS N2 PRESS (PSIG)	AVERAGE INJ TEMP (DEG F)
				KBL	GAL	KPH	GPM	AVG	MAX		
10/1/2025	24	2231	0	2231	275741	89	191	222	430	1455	185
10/2/2025	24	1984	0	1984	245192	79	170	430	430	1440	237
10/3/2025	24	2181	0	2181	269610	87	187	425	425	1433	180
10/4/2025	24	2265	0	2265	279977	90	194	425	425	1425	188
10/5/2025	24	2234	0	2234	276153	89	192	420	420	1425	190
10/6/2025	24	2210	0	2210	273210	88	190	421	421	1425	188
10/7/2025	24	2132	0	2132	263453	85	183	425	430	1425	183
10/8/2025	24	2101	0	2101	259715	83	180	425	430	1425	189
10/9/2025	24	2035	0	2035	251497	81	175	410	415	1410	180
10/10/2025	24	2042	0	2042	252414	81	175	408	410	1418	178
10/11/2025	24	2073	0	2073	256235	82	178	419	422	1425	186
10/12/2025	24	2082	0	2082	257308	83	179	423	425	1425	186
10/13/2025	24	2087	0	2087	257908	83	179	443	445	1433	188
10/14/2025	24	2058	0	2058	254304	82	177	429	435	1425	183
10/15/2025	24	2067	0	2067	255523	82	177	429	430	1425	184
10/16/2025	24	2017	0	2017	249240	80	173	415	430	1418	179
10/17/2025	24	2021	0	2021	249728	80	173	408	410	1410	178
10/18/2025	24	2005	0	2005	247752	80	172	405	410	1410	179
10/19/2025	24	1982	0	1982	245015	79	170	405	410	1410	186
10/20/2025	24	2007	0	2007	248098	80	172	415	415	1418	190
10/21/2025	24	1999	0	1999	247121	79	172	419	420	1418	186
10/22/2025	24	2003	0	2003	247625	80	172	416	425	1418	184
10/23/2025	24	1894	0	1894	234137	75	163	357	383	1380	177
10/24/2025	24	1951	0	1951	241151	78	167	385	410	1403	193
10/25/2025	24	1743	0	1743	215488	69	150	406	410	1418	181
10/26/2025	24	2330	0	2330	288000	93	200	438	455	1493	278
10/27/2025	24	2621	0	2621	324000	104	225	445	455	1500	294
10/28/2025	24	2936	0	2936	362880	117	252	455	460	1500	292
10/29/2025	24	2598	0	2598	321120	103	223	463	465	1500	290
10/30/2025	24	2505	0	2505	309600	100	215	458	460	1500	290
10/31/2025	24	2449	0	2449	302742	97	210	461	470	1500	304
Total	744	66846	0	66846	8261937						
Minimum	24	1743	0	1743	215488	69	150	222	383	1380	177
Average	24	2156	0	2156	266514	86	185	416	428	1436	206
Maximum	24	2936	0	2936	362880	117	252	463	470	1500	304

PUNA GEOTHERMAL VENTURE

KS-21 INJECTION WELL DATA QUANTITIES OF FLUID INJECTED FOR TESTING

DATE	HRS ON INJ.	GEO- FLUID (KLB)	SUPPLY Water (KLB)	TOTAL		AVERAGE INJ. RATE		WELLHEAD PRESS. (PSIG)		AVERAGE ANNULUS N2 PRESS (PSIG)	AVERAGE INJ TEMP (DEG F)
				KBL	GAL	KPH	GPM	AVG	MAX		
10/1/2025	24	29573	0	29573	3655171	1175	2538	217	420	1245	189
10/2/2025	24	25202	0	25202	3114854	1001	2163	420	420	1245	237
10/3/2025	24	26857	0	26857	3319398	1067	2305	420	420	1208	187
10/4/2025	24	29228	0	29228	3612453	1161	2509	420	420	1178	192
10/5/2025	24	29258	0	29258	3616233	1163	2511	423	425	1155	193
10/6/2025	24	29128	0	29128	3600128	1157	2500	414	415	1133	191
10/7/2025	24	29113	0	29113	3598284	1157	2499	419	425	1103	189
10/8/2025	24	28871	0	28871	3568324	1147	2478	418	421	1238	193
10/9/2025	24	28540	0	28540	3527504	1134	2450	407	413	1200	188
10/10/2025	24	29206	0	29206	3609814	1161	2507	403	405	1185	185
10/11/2025	24	29720	0	29720	3673336	1181	2551	413	415	1155	189
10/12/2025	24	29740	0	29740	3675726	1182	2553	418	420	1133	190
10/13/2025	24	29474	0	29474	3642849	1171	2530	438	440	1335	190
10/14/2025	24	29009	0	29009	3585375	1153	2490	430	440	1223	188
10/15/2025	24	28965	0	28965	3579937	1151	2486	423	425	1193	190
10/16/2025	24	28151	0	28151	3479406	1119	2416	405	420	1170	188
10/17/2025	24	28351	0	28351	3504140	1127	2433	401	402	1133	188
10/18/2025	24	28180	0	28180	3482945	1120	2419	398	400	1110	185
10/19/2025	24	28017	0	28017	3462846	1113	2405	395	395	1238	189
10/20/2025	24	28706	0	28706	3548001	1141	2464	405	415	1373	191
10/21/2025	24	28718	0	28718	3549410	1141	2465	408	420	1328	189
10/22/2025	24	28771	0	28771	3556051	1143	2469	418	425	1305	187
10/23/2025	24	26583	0	26583	3285607	1056	2282	359	388	1238	183
10/24/2025	24	26636	0	26636	3292172	1058	2286	390	420	1253	195
10/25/2025	24	25092	0	25092	3101345	997	2154	413	420	1268	188
10/26/2025	24	18576	0	18576	2295950	738	1594	448	465	1343	303
10/27/2025	24	18468	0	18468	2282548	734	1585	455	465	1343	304
10/28/2025	24	17991	0	17991	2223597	715	1544	461	470	1350	304
10/29/2025	24	17735	0	17735	2191969	705	1522	465	465	1335	304
10/30/2025	24	16929	0	16929	2092364	673	1453	465	465	1335	300
10/31/2025	24	16620	0	16620	2054205	660	1427	464	468	1320	305
Total	744	815409	0	815409	100781942						
Minimum	24	16620	0	16620	2054205	660	1427	217	388	1103	183
Average	24	26304	0	26304	3251030	1045	2258	414	427	1238	212
Maximum	24	29740	0	29740	3675726	1182	2553	465	470	1373	305