

HANSEL REC'D 9/16/09 E. KUBERSKI

**Kissimmee Utility Authority
Hansel Monthly Generation Report
Fiscal 2009 Year to Date**

		YTD Totals	10/31/2008	11/30/2008	12/31/2008	1/31/2009	2/28/2009	3/31/2009	4/30/2009	5/31/2009	6/30/2009	7/31/2009	8/31/2009	9/30/2009
Unit # 21 C.T.														
Gas Fuel Meter	Cubic Feet used	74,209,000	12369000	970000	0	0	0	0	6,629,000	13,289,000	18,483,000	8,475,000	13,994,000	
Water Injection Meter	Gallons used	297,813	49438	4308	4,308	0.0	0	0	26,180	54,525	70,131	32,596	56,327	
Gas Turbine WHM	KWH made	5,089,900	851300	695000	0	0.0	0	0	453,500	945,800	1,234,000	569,100	966700	
Auxiliary WHM SS1	KWH used	1,055,300	117100	719000	83,700	78,600.0	18,800	84000	98,400	122,700.00	127300	120500	132300	
Auxiliary WHM SS2	KWH used	570,000	59790	34610	35,600	32,000	67,300	21600	47,200	64,100.00	76,450	60850	70500	
Gas Turbine Fired Hours	Hours	167	27.6	2.1	0	0	0	0	15	29.5	42.3	19.7	31	
Attempted Starts	Starts	44.0	10	1	0.0	0	0.0	0.0	6.0	5	10	8	4	
Successful Starts	Starts	34.0	8	1	0.0	0.0	0.0	0	2.0	5	6	8	4	
Forced Outage Hours	Hours	24.7	3.1	0	0.0	0	0.0	0	0.0	0	19.1	2.5	0	
Scheduled Outage Hours	Hours	518.2	0	0	0.0	0	473.0	37.5	0.0	0	0	0	7.7	
Unit # 22 & 23 ST's														
Condensate Make-up	Gallons used	543,843	117328.9	3413.45	75,513.6	53,491	8,166	14865.95	40,721	61,452	64802.65	52270.65	51818.35	
Cooling Tower Make up	Gallons used	4,262,900	541700	107500	282,400	89,800	87,200	124600	324,300	719,500	881,300	415,300	689,300	
Total Waste Meter out	Gallons out	2,797,600	422900	105000	316,590	70,610	93,900	124800	175,500	390,200	444800	311700	341600	
Steam Turbine 22 WHM	KWH made	503,700	36200	0	0	0	0	0	47,500	98,900	151900	36700	132500	
Steam Turbine 23 WHM	KWH made	540,800	71000	0	0	0.0	0	0	48,400	99,900	152,200	37,000	132,300	
Steam Turbine 22 Hours	Hours	91	7.7	0	0	0.0	0	0	9	17	28	7	23	
Steam Turbine 23 Hours	Hours	96	11.3	0	0	0.0	0	0	9	18	28	7	23	
Steam Turbine 22 Starts	Starts	25	5	0	0	0	0	0	2	5	6	3	4	
Steam Turbine 23 Starts	Starts	25	5	0	0	0	0	0	2	5	6	3	4	
22 ST Scheduled Outage Hours	Hours	877	0	0	0	0.0	473.0	396.0	0.0	0	0	0	7.7	
23 ST Scheduled Outage Hours	Hours	877	0	0	0.0	0	473.0	396.0	0.0	0	0	0	7.7	
22 ST Forced Outage Hours	Hours	64	42.2	0	0.0	0.0	0.0	0	0.0	0	19.1	2.5	0	
23 ST Forced Outage Hours	Hours	22	0	0	0.0	0	0.0	0	0.0	0	19.1	2.5	0	
Auxiliary KWH Produced	KWH made	198,289	2871.8	332.4	0.0	0	0.0	0.0	15,100.0	41551	75734	18100	44600	
Period Hours	Total YTD	8,040	744	720	744.0	744.0	672.0	744	720.0	744	720	744	744	
Gas cost averaged from FMPP fuel sheets		\$5.02	6.79	6.88	6.0	5.54	5.09	4.19	3.80	4.22	4.79	3.98	3.89	

Summary	Unit 21 CT	Unit 22 ST	Unit 23 ST	Total Plant
Period Hours	8,040.0	8,040.0	8,040.0	24,120.0
Gross Generation KWH	5,089,900.0	503,700.0	540,800.0	6,134,400.0
Auxiliary KWH used	1,055,300.0	285,000.0	285,000.0	1,625,300.0
Auxiliary KWH produced	99,144.6	49,572.3	49,572.3	198,289.2
Auxiliary KWH non-produced	956,155.4	235,427.7	235,427.7	1,427,010.8
Net Generation KWH	4,034,600.0	218,700.0	255,800.0	4,509,100.0
Gross Available KWH	269,895,600.0	49,696,500.0	49,991,900.0	369,584,000.0
Reserve KWH	265,861,000.0	49,477,800.0	49,736,100.0	365,074,900.0
Starting reliability	77.3%			77.3%
Gross Availability %	93.25%	88.30%	88.83%	93.25%
Equivalent Availability Factor EAF	93.80%	89.26%	89.75%	
Gross Capacity %	1.89%	1.01%	1.08%	1.66%
Net Average \$/MWH	\$96.70			\$86.52
Net Average BTU/KWH	18,981.73			16,984.25
Gross Average \$/MWH	\$76.65			\$63.60
Gross Average BTU/KWH	15,046.21			12,484.30
Gas Fuel Cost / mmbtu	\$5.02			\$5.02
Gas Fuel Cost	\$390,127.78			\$390,127.78