

**BEFORE THE  
IDAHO PUBLIC UTILITIES COMMISSION**

**Case No. IPC-E-03-05**

**Idaho Power Company**

**Current Regression**

**Exhibit No. 1**

**Gregory W. Said**

OBS.	YEAR	RUNOFF	LN(RUNOFF)	NPSC	RESIDUAL OUTPUT	
					Observation	Predicted Y
1	1928	6,750,571	15.72514	\$ 6,241,000	1	28,777,582.78
2	1929	3,516,226	15.07290	\$ 60,671,000	2	70,023,119.69
3	1930	2,730,186	14.81988	\$ 82,320,000	3	86,023,216.51
4	1931	2,252,206	14.62742	\$ 106,526,000	4	98,193,754.89
5	1932	4,693,051	15.36159	\$ 77,389,000	5	51,766,976.26
6	1933	4,072,824	15.21985	\$ 80,101,000	6	60,730,566.58
7	1934	2,284,655	14.64173	\$ 101,827,000	7	97,289,161.20
8	1935	3,091,888	14.94429	\$ 103,686,000	8	78,155,781.45
9	1936	4,976,479	15.42023	\$ 75,854,000	9	48,058,785.13
10	1937	3,027,697	14.92331	\$ 89,454,000	10	79,482,468.23
11	1938	6,995,998	15.76085	\$ 38,288,000	11	26,519,320.02
12	1939	3,340,542	15.02164	\$ 69,283,000	12	73,264,336.78
13	1940	4,217,857	15.25484	\$ 67,478,000	13	58,517,873.22
14	1941	3,812,543	15.15381	\$ 67,679,000	14	64,906,741.28
15	1942	4,777,672	15.37946	\$ 61,084,000	15	50,636,902.28
16	1943	9,358,641	16.05181	\$ 10,512,000	16	8,119,808.02
17	1944	3,363,907	15.02861	\$ 63,258,000	17	72,823,574.16
18	1945	5,107,273	15.44618	\$ 22,367,000	18	46,418,231.91
19	1946	6,864,248	15.74184	\$ 27,110,000	19	27,721,565.26
20	1947	5,145,808	15.45369	\$ 42,921,000	20	45,942,893.05
21	1948	5,701,715	15.55628	\$ 40,564,000	21	39,455,764.68
22	1949	5,284,463	15.48028	\$ 41,482,000	22	44,261,513.24
23	1950	6,666,559	15.71261	\$ 24,971,000	23	29,569,514.38
24	1951	6,887,280	15.74519	\$ 24,297,000	24	27,509,738.22
25	1952	10,645,884	16.18068	\$ 16,180,000	25	(29,731,862.94)
26	1953	6,266,915	15.65079	\$ 30,786,000	26	33,478,793.54
27	1954	5,375,988	15.49745	\$ 44,669,000	27	43,175,650.00
28	1955	3,663,733	15.11399	\$ 58,885,000	28	67,424,444.03
29	1956	7,679,163	15.85402	\$ 19,935,000	29	20,627,397.13
30	1957	8,142,974	15.91267	\$ 19,918,000	30	16,918,876.92
31	1958	7,347,318	15.80985	\$ 33,513,000	31	23,420,898.63
32	1959	3,990,168	15.19934	\$ 58,383,000	32	62,027,129.72
33	1960	4,207,224	15.25231	\$ 63,415,000	33	58,677,491.36
34	1961	2,917,876	14.88637	\$ 88,633,000	34	81,818,836.92
35	1962	4,838,084	15.39203	\$ 59,122,000	35	49,842,307.34
36	1963	4,901,728	15.40510	\$ 51,038,000	36	49,015,863.44
37	1964	6,173,173	15.63572	\$ 30,226,000	37	34,431,851.43
38	1965	8,808,795	15.99126	\$ 5,756,000	38	11,948,764.14
39	1966	3,085,249	14.94214	\$ 71,438,000	39	78,291,711.64
40	1967	5,295,808	15.48243	\$ 37,363,000	40	44,125,898.10
41	1968	3,178,096	14.97179	\$ 53,367,000	41	76,416,744.51
42	1969	6,851,881	15.74003	\$ 29,438,000	42	27,835,598.96
43	1970	6,400,738	15.67192	\$ 12,586,000	43	32,142,656.32
44	1971	11,081,252	16.22077	\$ 5,243,000	44	(2,564,349.539)
45	1972	8,051,202	15.90133	\$ 15,647,000	45	17,635,608.09
46	1973	3,795,548	15.14934	\$ 22,988,000	46	65,189,259.52
47	1974	9,837,354	16.10170	\$ 6,450,000	47	4,965,130.655
48	1975	8,899,862	16.00155	\$ 6,411,000	48	11,298,365.63
49	1976	7,742,737	15.86227	\$ 15,129,000	49	20,106,029.07
50	1977	2,036,372	14.52668	\$ 95,568,000	50	104,564,260.80
51	1978	5,885,210	15.58795	\$ 46,375,000	51	37,452,710.71
52	1979	3,662,618	15.11369	\$ 47,708,000	52	67,443,692.11
53	1980	6,180,456	15.63690	\$ 16,932,000	53	34,357,289.68
54	1981	3,880,244	15.17141	\$ 52,133,000	54	63,793,670.22
55	1982	9,629,565	16.08035	\$ 5,952,000	55	6,315,156.637
56	1983	10,537,116	16.17041	\$ 2,348,000	56	619,676.3765
57	1984	12,447,717	16.33705	\$ 2,971,000	57	(9,917,693.726)
58	1985	5,467,688	15.51437	\$ 28,551,000	58	42,106,094.18
59	1986	8,603,101	15.96763	\$ 17,008,000	59	13,442,920.55
60	1987	2,657,135	14.79276	\$ 76,325,000	60	87,738,280.12
61	1988	2,461,731	14.71638	\$ 104,676,000	61	92,568,546.41
62	1989	4,426,855	15.30320	\$ 58,475,000	62	55,459,598.19
63	1990	2,853,052	14.86390	\$ 98,643,000	63	83,239,557.72
64	1991	2,622,549	14.77966	\$ 101,823,000	64	88,566,792.34
65	1992	1,798,651	14.40255	\$ 125,185,000	65	112,414,032.80
				AVERAGE	\$	48,039,308

SUMMARY OUTPUT	
<i>Regression Statistics</i>	
Multiple R.	0.920131533
R. Square	0.846642039
Adjusted R.	0.844207785
Standard Err.	12,686,495.39
Observation	65
<i>ANOVA</i>	
	<i>df</i>
Regression	1
Residual	63
Total	64
<i>Coefficients</i>	
Intercept	1,023,185,930
X Variable 1	(63,236,861.2)