

MINUTES OF THE MEETING FOR THE JOINT APPROPRIATION ON EDUCATION
SUBCOMMITTEE

January 8, 1981

The meeting for the University Supplemental Requests of the Appropriation on Education Subcommittee was called to order by Chairman GENE DONALDSON at 8:30 a.m. on Thursday, January 8, 1981 in Room 104, Capitol Building, Helena, Montana.

Roll call was taken and all members were present. Curt Nichols and Bruce Shively, Fiscal Analysts were also present. All University Presidents were present as follows:

MSU, Dr. William Tietz, President
U of M , Dr. Richard C. Bowers, President
EMC, Dr. John Van deWetering, President
NMC, Dr. James Erickson, President
WMC, Dr. Bob Thomas, President
MT Tech., Dr. Fred DeMoney, President

Testimony was given by Glen Levitt, Commissioner Richardson, University Presidents, Art Lund, Jeff Morrison, Senator Mike Anderson, Dr. Carl Hoffman, Director of Cooperative Extension Service and Dr. James Welsh, Director of Agricultural Experiment Station.

GLEN LEVITT gave recommendations from the Budget Office. First, the millage request for \$565,700 in General Funds. When the revenue shortfall was realized the full appropriated amount had been transferred to the units. This left two alternatives: (1) request that the units return some funds to Helena (2) a supplemental appropriation of General Funds be approved for transfer from FY 81 to FY 80. The second alternative was used. Second, the request for utilities supplemental for \$1,755,080. It was suggested by Mr. Levitt that this be a line item. If the cost overrun does not equal that amount, the difference will revert to General Fund.

Increased enrollment supplemental is the third request for \$2,893,681 in General Funds and \$1,501,071 in other funds. Glen Levitt suggested that the General Funds be cut by 50% which would make the request \$1,446,840.

Total University Supplemental Request would amount to \$3,367,620.

COMMISSIONER RICHARDSON, for the University System assisted by JACK NOBLE, DEPUTY COMMISSIONER reviewed the three requests on how they would intend to allocate the money. (EXHIBIT C) He stated that the millage amount is not immediately available at the outset of the biennium. General resources were transferred into the fiscal year account of 1980 to cover the shortfall. The total amount of \$565,700 are proportionally

allocated to the six units on the basis of the amount of percentage of millage which is appropriated to each unit. Regarding the Utility Supplemental for \$1,879,582, it was mentioned that the University has implemented a number of energy conservation measures. (EXHIBIT A) To cover the overrun they transferred from FY 80 resources to FY 81. It was also stated that a deficit of \$523,000 was experienced in FY 80 and that for FY 81 a deficit of \$1,356,000 is estimated.

CHAIRMAN DONALDSON brought up the fact that there is a difference of \$100,000 relative to the report by the Budget Office in the estimated utility cost.

GLEN LEVITT stated that the difference was due to the estimation for FY 81.

CHAIRMAN DONALDSON questioned whether or not a line item would be acceptable.

COMMISSIONER RICHARDSON said that this would be acceptable.

REPRESENTATIVE BENGTON asked what conservation measures are being taken.

COMMISSIONER RICHARDSON stated that storm windows have been installed and that they are cooperating with the Department of Administration in their Energy Audit Program.

The request for the enrollment supplemental (EXHIBIT B) is a total of \$4,394,752 and a request for General Fund for \$2,893,681. As enrollment increases, so must the faculty. The schedule of estimated revenue as compared to the appropriated amount was explained.

CHAIRMAN DONALDSON asked how they arrived with the 30% factor in computing the enrollment supplemental.

JACK NOBLE stated that the 30% was an estimate. There would be some factor added to the appropriation based upon enrollment to cover administrative costs, student services, academic support and libraries. This would make up 65% of the General Fund appropriation.

DR. BOB THOMAS, PRESIDENT OF WESTERN MONTANA COLLEGE was assisted by TOM BRIGGS, DIRECTOR OF FISCAL AFFAIRS to give testimony. (EXHIBIT D) Western Montana College anticipates higher enrollments than listed by the Commissioner in 1981.

A 33% increase is anticipated for this year. This would make 12.5 faculty members unfunded.

REPRESENTATIVE BENGTON asked how they planned to spend the money since they already have the additional members.

PRESIDENT THOMAS replied that if they don't receive the supplementals they will have to cut back seminars. Foreign Languages have already been cut. Mr. Briggs explained that night and weekend classes may not be offered for the Human Services course. The library is not adequately staffed due to cuts. The cut in library staff is to make up the staff's salaries.

DR. JIM ERICKSON, PRESIDENT OF NORTHERN MONTANA COLLEGE testified. During the last two years money has been moved out of operations within the limits of protecting the state's property. Our priority is to train technicians. In order to do this we need library books, technical equipment, and instructional equipment. He commented that they have foregone important hiring. Money has been used to hire part-time instructors through the winter.

DR. JOHN VAN deWETERING, PRESIDENT OF EASTERN MONTANA COLLEGE testified. The result of the enrollment increase has caused the closure of classes. These classes are mathematics classes, computer science classes, and accounting classes. Custodial and library staff has been cut to place emphasis in the instructional area. In addition, the pool of available funds for part-time instructor has been exhausted. This would mean come spring quarter they would be faced with a major crisis in staffing classes if there is no supplemental received. If it is received, rather than hiring new employees they would use their existing faculty to the fullest and after that if more were needed they would hire them. However, this supplemental money would not be used to raise present salaries. It was further mentioned that they were funded for an 18.5 to 1 student faculty ratio. Fall quarter this ratio was 20 to 1.

DR. FRED DeMONEY, PRESIDENT OF MONTANA COLLEGE OF MINERAL SCIENCE AND TECHNOLOGY assisted by Victor Burt, Director of Fiscal Affairs stated that enrollment was up 39% last year. In Engineering there are 50% part-time students and 65 to 70% full-time students. Funds have been borrowed against supplies and small equipment in order to support the faculty.

DR. RICHARD BOWERS, PRESIDENT OF THE UNIVERSITY OF MONTANA, assisted by Pat Douglas, testified that there was a deficit in FY 80 of \$202,000 for utilities and an estimated deficit of \$350,000 for FY 81. In terms of enrollment, deficiencies

amount to over \$800,000. Staff has been provided by incurring deficiencies in certain areas. This year \$250,000 will be held back from capitol expenditures and supplies. These students are being shorted supplies. If the supplementals are received the areas in which instructional staff would be added are: Business Administration, Computer Science, Freshman Composition and Interpersonal Communications. There are a pool of people who could be hired part-time.

DR. WILLIAM TIETZ, PRESIDENT OF THE MONTANA STATE UNIVERSITY assisted by TOM NOPPEY, DIRECTOR OF ADMINISTRATION testified. It was stated that increased enrollment has forced MSU to be in a somewhat different management than most. They have operated on the philosophy that they will do everything they can in the first year and they will return with problems in the second year. Last session 72 classes and 26 positions were cut spring quarter. Commitments to staff by contract require one year notice. They are committed to staff who were picked up in the fall. Dr. Tietz explained that they have a management commitment based on what we perceive was the policy of this group over the past years. It has become more prevalent to hire part-time staffing.

REPRESENTATIVE BENGTON questioned if they would be willing to accept 2/3 of the supplement.

DR. TIETZ replied that if they were willing to accept the 2/3 so late in the game it would require substantial reductions in the spring quarter. Also if they didn't receive the supplemental there would be a significant cut which would be proportional to whatever has been requested since they are committed to it at this point.

JEFF MORRISON from the BOARD OF REGENTS stated that the units will not overspend budgets and that they must have a contingency plan. They have been robbing spring quarter to pay for the last six quarters. If supplemental does not come through the system, all institutions will be in straights to provide services to students. He continued to say that we are all victims of unanticipated inflation. The State has an open enrollment policy. This makes us victims of enrollment increase. The result would be a cut of support staff, support services, and services to students. The basic courses would suffer the most. Non-contractual expenditures are dropped.

SENATOR MIKE ANDERSON testified on the basis that his daughter, Julie Anderson, after selecting six classes, found that five were filled.

DR. CARL HOFFMAN, Cooperative Extension Service's Vice-President distributed a handout. (EXHIBIT C) He explained that this

service's responsibility was to take research findings and prepare them to be used. Extension agents in all but three counties in Montana did the research. Funds requested would be used for increased costs for materials, supplies, utilities, and to continue existing and new programs. It would require no additional General Fund support.

DR. JAMES WELSH, Cooperative Extension Service's Vice-President gave their request for additional funds in order to replace or supplement budgets. Federal Hatch Funds may be used to make up other funds. Hatch funds are used to support projects that are unique to Montana and regional funds are used to support projects from other states. (EXHIBIT C)

The deficit this year will run approximately \$470,000.

COMMISSIONER RICHARDSON took over to explain the WESTERN INTERSTATE COMMISSION of HIGHER EDUCATION dues.

The meeting was adjourned at 11:30 a.m.



REPRESENTATIVE GENE DONALDSON, Chairman



THE MONTANA UNIVERSITY SYSTEM

33 SOUTH LAST CHANCE GULCH

HELENA, MONTANA 59601

(406) 449-3024

EXH A

Jan 8
minutes

COMMISSIONER OF HIGHER EDUCATION

To: John A. Richardson
Commissioner of Higher Education

From: Jack Noble
Deputy Commissioner for
Management and Fiscal Affairs

Date: November 19, 1980

Subject: Energy Utilization and Cost Report

Our most recent review of campus energy utilization and cost is attached for your review. Our required supplemental budget request will most likely fall between \$1.8 and \$2.0 million dollars depending on winter weather conditions on each campus.

I believe that Schedule B demonstrates that each campus has been very active in attempting to curtail energy consumption. Actual costs for last year indicate that natural gas consumption per square foot was from 69% to 90% of the 1975 consumption levels.

While every attempt was made to reflect energy data on a comparable basis among the six campuses, I would like to emphasize that there are limitations and real differences that are not reflected in this report. Among the differences are:

- 1) The number of temperature degree heating days on each campus varies.
- 2) The condition of the campus buildings as to insulation and window space is different.
- 3) Not all campuses purchase utilities from the same source.
- 4) The methods of heating and monitoring energy utilization are different on each campus.

All the data presented are indexed with the 1975-76 fiscal year being equal to 100%. I believe this approach is more useful in providing the reader with a cost or energy utilization trend. Facility related square feet are used as the best common denominator of measuring energy cost subject to the limitations previously stated.

cc: Campus Presidents/Campus Fiscal Officers
Glen Leavitt - Budget Office
John LaFaver - Fiscal Analyst
Joe Zigler - DNR

THE MONTANA UNIVERSITY SYSTEM

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HELENA, MONTANA 59601

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DEPT. OF HIGHER EDUCATION

To: Jack Noble
Deputy Commissioner for
Management and Fiscal Affairs

From: Steve Bennyhoff *SAB*
Financial Assistant

Date: November 19, 1980

Subject: Schedule of Energy Utilization and Cost;
Schedule of Utility Cost Overrun

From the utility cost surveys provided by the University campuses,
two schedules have been developed.

Schedule A presents cost overrun for FY's 80 and 81 above what
the Legislative Fiscal Analyst has estimated to be the appropriated
amount for utility costs for FY 80 and 81. Some campuses disagree with
the estimated costs provided by the analyst's appropriation worksheets.

Schedule B shows Energy Utilization and Cost for each campus from
FY 76 through FY 81 (estimated). It is in the same format used for
the 1979 schedule.

Some campuses have updated the data previously reported so that
all previous years' data are reflected on a comparable basis. It
should be noted that Eastern Montana College purchases its natural
gas from a different source and at lower rates than the other five
campuses.

SAB/llt

Attachments

SCHEDULE OF UTILITIES COST OVERRUN
 FY's 80 and 81

<u>CAMPUS</u>	<u>1980 ACTUAL</u>	<u>1981 ESTIMATED</u>	<u>TOTAL</u>
MSU	\$225,038	\$ 699,518	\$ 924,556
U of M	202,393	(1) 350,784	553,177
EMC	54,806	110,798	165,604
TECH	28,168	106,053	134,221
NMC	-0-	28,359	28,359
NMC	<u>12,980</u>	<u>(2) 60,685</u>	<u>73,665</u>
TOTAL	<u>\$523,385</u>	<u>\$1,356,197</u>	<u>\$1,879,582</u>

(1) Exceeds 6/23/80 Regent Estimate by \$11,510

(2) Exceeds 6/23/80 Regent Estimate by \$15,685

FY 80 ACTUAL DEFICIT

CAMPUS	LFA FY 80 UTILITY APPROPS	FISCAL YEAR 80 UTILITY COSTS			FY 80 TOTAL UTILITY COSTS	DIFFERENCE (COLUMN 1 - COLUMN 5)
		GAS	ELECTRICITY	OTHER		
MSU	\$ 842,326	\$ 785,772	\$ 216,352	\$ 65,240	\$ 1,067,364	\$ (225,038)
U of M	664,724	518,526	215,281	133,310	867,117	(202,393)
EMC	184,071	92,600	107,353	38,924	238,877	(54,806)
TECH	149,587	124,077	44,140	9,538	177,755	(28,168)
NMC	127,101	71,558	36,304	7,518	115,380	11,721
WHC	<u>111,082</u>	<u>96,932</u>	<u>23,485</u>	<u>3,645</u>	<u>124,062</u>	<u>(12,980)</u>
	<u>\$2,078,891</u>	<u>\$1,689,465</u>	<u>\$642,915</u>	<u>\$258,175</u>	<u>\$2,590,555</u>	<u>\$(511,664)</u>

FY 81 ESTIMATED DEFICIT (As of 10/31/80)

<u>CAMPUS</u>	<u>LFA FY 81 UTILITY APPROPS</u>	<u>FISCAL YEAR 81 UTILITY COSTS</u>			<u>FY 81 TOTAL ESTIMATED UTILITY COSTS</u>	<u>DIFFERENCE (COLUMN 1 - COLUMN 5)</u>
		<u>GAS</u>	<u>ELECTRICITY</u>	<u>OTHER</u>		
MSU	\$ 918,136	\$ 1,151,679	\$274,935	\$191,040	\$1,617,654	\$(699,518)
U of M	724,548	679,039	243,756	152,537	1,075,332	(350,784)
EMC	200,637	142,511	113,652	55,272	311,435	(110,798)
TECH	162,544	179,597	62,000	27,000	268,597	(106,053)
NMC	138,541	109,600	39,300	18,000	166,900	(28,359)
WMC	<u>121,079</u>	<u>154,429</u>	<u>23,485</u>	<u>3,850</u>	<u>181,764</u>	<u>(60,685)</u>
	<u>\$2,265,485</u>	<u>\$ 2,416,855</u>	<u>\$757,128</u>	<u>\$447,699</u>	<u>\$3,621,682</u>	<u>\$(1,356,197)</u>

MONTANA UNIVERSITY SYSTEM

Schedule of Energy Utilization and Cost
(Six Campuses)

	U of M	%	MSU	%	EMC	%	NMC	%	Tech	%	WMC	%
1) Energy Related Square Feet												
1975-76, Actual	1,458,238	100.0	1,713,782	100.0	373,874	100.0	298,946	100.0	243,667	100.0	277,139	100.0
1976-77, Actual	1,380,983	94.7	1,713,782	100.0	348,586	93.2	298,946	100.0	243,667	100.0	277,139	100.0
1977-78, Actual	1,458,238	100.0	1,713,782	100.0	473,634	126.6	290,760	97.2	243,667	100.0	277,139	100.0
1978-79, Actual	1,458,238	100.0	1,722,260	100.4	473,634	126.6	298,760	97.2	276,607	113.2	277,139	100.0
1979-80, Actual	1,458,238	100.0	1,722,260	100.4	500,356	133.8	298,468	99.8	341,169	140.0	277,139	100.0
1980-81, Estimated	1,533,238	105.1	1,722,260	100.4	505,816	135.2	298,468	99.8	341,169	140.0	277,139	100.0

2) Energy Consumption
Per Square Foot

A) Natural Gas (MCF)												
1975-76, Actual	.139	100.0	.1668	100.0	.1235	100.0	.1071	100.0	.174	100.0	.141	100.0
1976-77, Actual	.114	82.0	.1556	93.2	.1184	95.8	.0981	91.5	.176	101.1	.137	97.1
1977-78, Actual	.112	80.5	.1595	95.6	.1224	99.1	.1321	123.3	.169	97.1	.138	97.8
1978-79, Actual	.122	87.7	.1645	98.6	.1294	104.7	.1415	132.1	.142	81.6	.152	107.8
1979-80, Actual	.115	82.7	.1511	90.5	.0979	79.2	.0877	81.8	.120	68.9	.116	82.2
1980-81, Estimated	.121	87.0	.1654	99.1	.1225	99.1	.1119	104.4	.129	74.1	.136	96.4

B) Electricity (KWH)

1975-76, Actual	8.714	100.0	8.2351	100.0	9.88	100.0	4.5666	100.0	7.53	100.0	4.00	100.0
1976-77, Actual	9.079	104.1	8.8552	107.5	10.15	102.7	4.3063	94.2	8.30	110.2	4.73	93.5
1977-78, Actual	7.970	91.4	9.1154	110.5	9.96	100.8	4.9836	109.1	8.38	111.2	4.58	95.4
1978-79, Actual	8.914	102.2	8.9323	108.4	10.73	108.6	5.2198	114.3	8.03	106.6	4.54	94.5
1979-80, Actual	8.912	102.2	9.2120	111.8	10.74	108.7	4.9754	108.9	7.69	102.1	4.99	103.9
1980-81, Estimated	8.780	100.7	9.1744	111.4	10.70	108.2	5.0256	110.0	8.50	112.8	4.73	93.5

MONTANA UNIVERSITY SYSTEM
 Schedule of Energy Utilization and Cost
 (Six Campuses)
 Page 2

	U of M	%	MSU	%	EMC	%	NMC	%	Tech	%	WMC	%
3) Actual Expenditures												
A) Gas												
1975-76, Actual	\$ 245,048	100.0	\$ 384,815	100.0	\$ 29,626	100.0	\$ 29,341	100.0	\$ 51,857	100.0	\$ 46,955	100.0
1976-77, Actual	213,890	87.2	408,243	106.0	37,834	127.7	35,286	120.2	59,023	113.8	52,076	105.6
1977-78, Actual	287,369	117.2	543,948	141.3	52,235	176.3	62,731	213.7	74,099	142.8	68,228	145.3
1978-79, Actual	327,989	133.8	573,146	148.9	89,716	302.8	75,208	256.3	72,103	139.0	77,892	165.8
1979-80, Actual	518,526	211.6	785,772	204.1	92,600	312.5	71,558	243.8	124,077	239.2	96,932	206.4
1980-81, Estimated	679,039	277.1	1,151,679	299.2	142,513	481.0	109,600	373.5	179,597	346.3	154,429	328.8
B) Electricity												
1975-76, Actual	\$ 155,360	100.0	\$ 111,429	100.0	\$ 52,042	100.0	\$ 24,492	100.0	\$ 25,450	100.0	\$ 17,419	100.0
1976-77, Actual	156,730	100.8	165,973	148.9	65,838	126.5	28,973	118.2	27,894	109.6	17,212	98.8
1977-78, Actual	174,314	112.2	204,131	183.1	90,890	174.6	34,484	140.7	33,959	133.4	20,334	116.7
1978-79, Actual	211,520	136.1	213,760	191.8	105,521	202.7	33,948	138.6	38,597	151.6	23,372	134.1
1979-80, Actual	215,281	138.5	216,352	194.1	107,353	206.2	36,304	148.2	44,140	173.4	23,485	134.8
1980-81, Estimated	243,756	156.8	274,935	246.7	113,652	218.3	39,300	160.4	62,000	243.6	23,485	134.8
4) Expenditures Per Square Foot (3 + 1)												
A) Gas												
1975-76, Actual	\$.168	100.0	.224	100.0	.079	100.0	.098	100.0	.212	100.0	.169	100.0
1976-77, Actual	.154	91.6	.238	106.2	.108	136.7	.118	120.4	.242	114.1	.187	110.6
1977-78, Actual	.197	117.2	.317	141.5	.110	139.2	.215	219.3	.304	143.3	.245	145.5
1978-79, Actual	.224	133.3	.332	148.2	.189	239.2	.258	263.2	.261	123.1	.281	166.2
1979-80, Actual	.355	211.3	.456	203.5	.185	234.1	.239	243.8	.363	171.2	.349	206.5
1980-81, Actual	.442	263.0	.668	298.2	.281	355.6	.367	374.4	.526	248.1	.557	329.5
B) Electricity												
1975-76, Actual	\$.106	100.0	.065	100.0	.139	100.0	.081	100.0	.104	100.0	.062	100.0
1976-77, Actual	.113	106.6	.096	147.6	.188	135.2	.096	118.5	.114	109.6	.062	100.0
1977-78, Actual	.110	112.2	.110	183.0	.191	137.4	.118	145.6	.139	133.6	.073	117.7
1978-79, Actual	.145	136.1	.124	190.7	.222	159.7	.116	143.2	.139	133.6	.084	135.4
1979-80, Actual	.147	138.6	.125	192.3	.214	155.3	.121	148.3	.17	124.7	.084	135.4
1980-81, Estimated					.224	161.1	.131	161.7	.181	174.0	.084	135.4

U of M % MSU % EMC % NMC % Tech %

5) Average Total Utility Cost
Per Square Foot

Year	U of M	%	MSU	%	EMC	%	NMC	%	Tech	%
1975-76, Actual	\$.274	100.0	\$.2696	100.0	\$.220	100.0	\$.1801	100.0	\$.317	100.0
1976-77, Actual	.268	97.8	.3351	115.7	.297	135.0	.2150	119.3	.357	112.6
1977-78, Actual	.316	115.3	.4365	159.7	.302	137.2	.3343	185.6	.443	139.7
1978-79, Actual	.369	134.6	.4569	157.7	.412	187.2	.3754	208.4	.401	126.4
1979-80, Actual	.494	180.2	.5819	200.9	.400	181.8	.3614	200.6	.493	155.5
1980-81, Estimated	.601	219.3	.8283	286.0	.506	230.0	.4988	276.9	.708	223.3

6) Average Gas Cost
Per MCF

Year	U of M	%	MSU	%	EMC	%	NMC	%	Tech	%
1975-76, Actual	\$ 1.20	100.0	\$ 1.35	100.0	\$.64	100.0	\$.92	100.0	\$ 1.22	100.0
1976-77, Actual	1.35	112.5	1.53	113.3	.92	143.7	1.20	130.4	1.37	112.2
1977-78, Actual	1.76	146.6	1.98	146.0	.90	140.6	1.63	177.1	1.79	146.7
1978-79, Actual	1.84	153.3	2.02	149.6	1.46	228.1	1.82	197.8	1.83	150.0
1979-80, Actual	3.01	250.8	3.01	222.9	1.89	295.3	2.73	296.7	3.02	247.5
1980-81, Estimated	3.63	302.5	4.04	299.2	2.30	359.3	3.27	355.4	4.08	334.4

6) Average Electricity
Cost Per KWH

Year	U of M	%	MSU	%	EMC	%	NMC	%	Tech	%
1975-76, Actual	\$.0122	100.0	\$.0073	100.0	\$.0140	100.0	\$.0179	100.0	\$.0133	100.0
1976-77, Actual	.0124	101.6	.0109	139.7	.0185	132.8	.0225	125.6	.0137	99.2
1977-78, Actual	.0149	122.1	.0130	166.6	.0192	137.1	.0237	132.4	.0166	120.2
1978-79, Actual	.0162	132.7	.0138	176.9	.0207	147.8	.0223	124.5	.0174	126.0
1979-80, Actual	.0162	132.7	.0136	174.3	.0199	142.1	.0244	136.3	.0168	121.7
1980-81, Estimated	.0181	148.3	.0174	223.0	.0209	149.2	.0262	146.3	.0213	154.3

6) Total Energy Consumption

Year	U of M	%	MSU	%	EMC	%	NMC	%	Tech	%
1975-76, Actual	203,357	100.0	285,836	100.0	46,173	100.0	32,016	100.0	42,400	100.0
1976-77, Actual	158,012	77.7	266,629	93.2	41,276	89.3	29,343	91.6	43,000	101.4
1977-78, Actual	163,075	80.1	273,427	95.6	57,982	125.5	38,410	119.9	41,200	97.1
1978-79, Actual	177,927	87.4	283,347	99.1	61,288	132.7	41,154	128.5	39,234	92.5
1979-80, Actual	172,017	84.5	260,246	91.0	48,985	106.0	26,186	81.7	41,000	96.6
1980-81, Estimated	186,891	91.9	284,800	99.6	61,962	134.1	33,422	104.3	44,000	103.7

A) Gas (in MCF)

Year	U of M	%	MSU	%	EMC	%	NMC	%	Tech	%
1975-76, Actual	39,251	100.0	37,923	96.6	38,335	97.6	42,107	107.5	32,104	81.7
1976-77, Actual	37,923	96.6	38,335	97.6	42,107	107.5	32,104	81.7	37,962	95.7

LOUISIANA UNIVERSITY SYSTEM
 Schedule of Energy Utilization and Cost
 (Six Campuses)

Page 4

	U of M	%	MSU	%	EMC	%	NMC	%	Tech	%	WMC	%
3) Electricity (in KWH)												
1975-76, Actual	12,707,229	100.0	14,113,153	100.0	3,693,875	100.0	1,365,160	100.0	1,834,000	100.0	1,331,620	100.0
1976-77, Actual	12,538,627	98.6	15,175,881	107.5	3,538,148	95.7	1,287,360	94.3	2,023,200	110.3	1,310,956	98.4
1977-78, Actual	11,622,485	91.4	15,621,863	110.6	4,717,395	127.7	1,449,020	106.1	2,042,800	111.3	1,270,120	95.3
1978-79, Actual	12,999,816	102.3	15,383,672	109.0	5,082,092	137.5	1,517,709	111.1	2,217,687	120.9	1,259,793	94.6
1979-80, Actual	15,236,720	104.1	15,865,391	112.4	5,373,823	145.4	1,484,995	108.7	2,625,130	143.1	1,363,400	103.8
1980-81, Estimated	13,463,044	105.9	15,800,729	111.9	5,412,231	146.5	1,500,000	109.8	2,900,000	158.1	1,311,378	98.4

MONTANA UNIVERSITY SYSTEM

Schedule of Estimated Cost of an Enrollment Supplemental
Fiscal Year 1980-81

1) MONTANA STATE UNIVERSITY

Estimated FY FTE Enrollment, 1980-81	10,255
Appropriation Enrollment	<u>9,332</u>
Unfunded Enrollment	923

FACULTY COMPONENT:

Unfunded Enrollment	923
Student/Faculty Ratio	<u>19/1</u>
Unfunded Faculty	48.5 FTE

DOLLAR ADJUSTMENT:

Unfunded Faculty	48.5	
X Average Salary (HB 483)	\$ <u>22,457-</u>	
Total Faculty Salaries	<u>\$1,029,164-</u>	
Add: Employee Benefits (Excludes \$600 in insurance)	<u>160,869-</u>	14.77%
Total Personal Services	<u>\$1,250,033-</u>	
Support Costs @ 30%	<u>375,010-</u>	
TOTAL SUPPLEMENTAL	<u><u>\$1,625,043</u></u>	

General Fund Portion	\$ 534,353
----------------------	------------

2) UNIVERSITY OF MONTANA

Estimated FY FTE Enrollment, 1980-81	8,330
Appropriation Enrollment	<u>7,842</u>
Unfunded Enrollment	488

FACULTY COMPONENT:

Unfunded Enrollment	488
Student/Faculty Ratio	<u>19/1</u>
Unfunded Faculty	25.5

DOLLAR ADJUSTMENT:

Unfunded Faculty	25.5	
X Average Salary (HB 483)	\$ <u>22,467</u>	
Total Faculty Salaries	<u>\$ 572,658-</u>	
Add: Employee Benefits (Excludes \$600 in insurance)	<u>85,580</u>	14.77%
Total Personal Services	<u>\$ 657,233-</u>	
Support Costs @ 30%	<u>197,170-</u>	
TOTAL SUPPLEMENTAL	<u><u>\$ 854,403</u></u>	

General Fund Portion	\$ 809,787
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MONTANA UNIVERSITY SYSTEM
 Schedule of Estimated Cost of an Enrollment Supplemental
 Fiscal Year 1980-81
 Page 2

3) MONTANA TECH

Estimated FY FTE Enrollment 1980-81	1,518
Appropriation Enrollment	<u>1,097</u>
Unfunded Enrollment	421

FACULTY COMPONENT:

Unfunded Enrollment	421
Student/Faculty Ratio	<u>16/1</u>
Unfunded Faculty	26.3

DOLLAR ADJUSTMENT:

Unfunded Faculty	26.3	
X Average Salary (HB 483)	<u>\$ 21,222-</u>	
Total Faculty Salaries	\$ 558,138-	
Add: Employee Benefits (Excludes \$600 in insurance)	<u>82,436-</u>	14.77%
Total Personal Services	\$ 640,574-	
Support Costs @ 30%	<u>192,172-</u>	
TOTAL SUPPLEMENTAL	<u><u>\$ 832,746-</u></u>	
General Fund Portion	\$ 611,174	

4) EASTERN MONTANA COLLEGE

Estimated FY FTE Enrollment 1980-81	3,167
Appropriation Enrollment	<u>2,975</u>
Unfunded Enrollment	192

FACULTY COMPONENT:

Unfunded Enrollment	192
Student/Faculty Ratio	<u>18.5/1</u>
Unfunded Faculty	10.4

DOLLAR ADJUSTMENT:

Unfunded Faculty	10.4	
X Average Salary (HB 483)	<u>\$ 20,211-</u>	
Total Faculty Salaries	\$ 210,194-	
Add: Employee Benefits (Excludes \$600 in insurance)	<u>31,045</u>	14.77%
Total Personal Services	\$ 241,239-	
Support Costs @ 30%	<u>72,371-</u>	
TOTAL SUPPLEMENTAL	<u><u>\$ 313,610</u></u>	
General Fund Portion	\$ 313,465-	

MONTANA UNIVERSITY SYSTEM
 Schedule of Estimated Cost of an Enrollment Supplemental
 Fiscal Year 1980-81
 Page 2

5) NORTHERN MONTANA COLLEGE

Estimated FY FTE Enrollment 1980-81	1,500
Appropriation Enrollment	<u>1,213</u>
Unfunded Enrollment	287

FACULTY COMPONENT:

Unfunded Enrollment	287
Student/Faculty Ratio	<u>16/1</u>
Unfunded Faculty	18

DOLLAR ADJUSTMENT:

Unfunded Faculty	18	
X Average Salary (HB 483)	\$ 20,211-	
Total Faculty Salaries	\$ 363,798-	
Add: Employee Benefits (Excludes \$600 in insurance)	<u>53,732-</u>	14.77%
Total Personal Services	\$ 417,530-	
Support Costs @ 30%	125,259-	
TOTAL SUPPLEMENTAL	<u>\$ 542,789-</u>	
General Fund Portion	\$ 494,329	

6) WESTERN MONTANA COLLEGE

Estimated FY FTE Enrollment 1980-81	727
Appropriated Enrollment	<u>602</u>
Unfunded Enrollment	125

FACULTY COMPONENT:

Unfunded Enrollment	125
Student/Faculty Ratio	<u>16.6/1</u>
Unfunded Faculty	7.5

DOLLAR ADJUSTMENT:

Unfunded Faculty	7.5	
X Average Salary (HB 483)	\$ 20,211-	
Total Faculty Salaries	\$ 151,582-	
Add: Employee Benefits (Excludes \$600 in insurance)	<u>22,388</u>	14.77%
Total Personal Services	\$ 173,970-	
Support Costs @ 30%	52,191-	
TOTAL SUPPLEMENTAL	<u>\$ 226,161-</u>	
General Fund Portion	\$ 130,573	

MONTANA UNIVERSITY SYSTEM

Schedule of Estimated Revenue Compared To Appropriated Amounts
Fiscal Year 1981

REVISED ESTIMATES	MSU	U of M	EMC	NMC	WMC	TECH
Tuition & Fees (Net)	\$4,962,100	\$4,329,321	\$1,125,560	\$ 406,861	\$ 289,497	\$ 599,310
Indirect Costs	1,361,742	503,000	101,000	15,000	16,000	342,000
Other	1,325,413	245,147	109,138	5,200	88,701	221,935
Total	<u>\$7,649,225</u>	<u>\$5,077,468</u>	<u>\$1,335,698</u>	<u>\$ 427,061</u>	<u>\$ 394,198</u>	<u>\$1,163,245</u>
<u>APPROPRIATED AMOUNTS</u>						
Tuition & Fees	\$4,362,290	\$4,212,883	\$1,111,653	\$ 345,462	\$ 217,222	\$ 453,773
Indirect Costs	1,340,622	559,467	80,000	8,000	12,000	265,965
Other	855,653	210,502	143,900	25,139	69,388	221,935
Total	<u>\$6,558,565</u>	<u>\$4,982,852</u>	<u>\$1,335,553</u>	<u>\$ 378,601</u>	<u>\$ 298,610</u>	<u>\$ 941,673</u>
Net Difference	\$1,090,690	\$ 44,616	\$ 145	\$ 48,460	\$ 95,588	\$ 221,572
Estimated Supplemental	\$1,625,043	\$ 854,403	\$ 313,610	\$ 542,789	\$ 226,161	\$ 832,746
Less: Increase in other	\$1,090,690	\$ 44,616	\$ 145	\$ 48,460	\$ 95,588	\$ 221,572
General Fund Required	<u>\$ 534,353</u>	<u>\$ 809,787</u>	<u>\$ 313,465</u>	<u>\$ 494,329</u>	<u>\$ 130,573</u>	<u>\$ 611,174</u>

EXC



THE MONTANA UNIVERSITY SYSTEM

33 SOUTH LAST CHANCE GULCH

HELENA, MONTANA 59520

(406) 449-3024

COMMISSIONER OF HIGHER EDUCATION

TO: Representative Gene Donaldson
 Chairman, Education Sub-Committee - Appropriations

FROM: John A. Richardson
 Commissioner of Higher Education

DATE: January 6, 1981

SUBJECT: Supplemental Appropriation Requests

The campuses and agencies of the Montana University System have the following supplemental budget requests.

1) REVENUE SHORTFALL IN MILLAGE ACCOUNT \$ 565,700

The collections from the 6 mill levy did not reach the legislative estimate provided in the appropriation. The shortfall was covered by transferring general fund money from the current year's account in the following amounts:

U of M	\$192,338
MSU	228,542
EMC	73,542
TECH	25,456
NMC	29,416
WMC	<u>16,406</u>
TOTAL	<u>\$565,700</u>

2) EXCESS UTILITY COST OVER APPROPRIATION \$1,879,582

The costs of providing heat, light, water, and miscellaneous utility services have exceeded the amounts appropriated. Our office has completed an energy utilization and cost report that breaks out the utility expenditure by gas, electricity, and other for each campus.

In addition, Schedule B of the attached report shows the trend of energy cost and usage since 1976. The report reflects that the cost overrun is not do to lack of energy conservation, but is due to rate increases and general weather conditions.

3) STUDENT ENROLLMENT SUPPLEMENTAL \$2,893,681

We have estimated that the FY FTE enrollment for the current year exceeds the enrollment estimates in the appropriation bill by 2,436 full

MEMO

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DATE: January 6, 1981
SUBJECT: Supplemental Appropriation Requests
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time equivalent students. Using the student/faculty ratios and average faculty salary guidelines contained in HB 483, we estimate that the additional students would have required approximately \$4,394,752 more in appropriation authority. Of that amount, \$2,893,681 is related to the general fund. (See Attached Schedule.)

While a portion of the academic year has already been completed, it is important that the campuses receive timely notice as to the status of the enrollment supplemental so that they can plan accordingly. If the funds are going to provide the relief whereby the students will get the greatest benefit, an early decision as to the amount of supplemental appropriation that will be provided will be extremely important.

4) COOPERATIVE EXTENSION SERVICE (FEDERAL FUNDS) \$ 164,593

The Cooperative Extension Service is requesting that the additional Smith-Lever federal funds received in excess of the amount appropriated in HB 483 be expended to help meet rising operational costs in the agency. The Regents granted approval for the following amounts contingent upon the approval of a supplemental request.

1979-80	\$ 76,565
1980-81	<u>88,028</u>
TOTAL	<u>\$164,593</u>

HB 483 provides that any Smith-Lever funds received in excess of the amount of federal funds appropriated shall cause an equal amount of general fund money to revert.

While the Regents approved the supplemental request on the basis of need, we would like to bring to the committee's attention a Congressional statement regarding the incorporation of reversion clauses in state appropriation acts. The following is a statement from the Conference Committee Report on Agriculture, Rural Development and Related Agencies Appropriations dated October 25, 1979.

"It has come to the attention of the conferees that several States may plan to decrease their monetary commitment to Smith-Lever programs in an amount equal to any increased appropriations granted by Congress. This is clearly not the intent of Congress regarding the use of such funds. When additional funds are appropriated for a program such increases are not meant to relieve the States of their responsibility. This is applicable whether the States' share of the program comes from in-State funds or from revenue sharing funds. The conferees hope this will suffice as an adequate expression of their feeling on this matter.

"We urge that the Department's position be made clear to the State officials concerned. We have no wish to worsen

Memo
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 Page 3

the situation, but would be less than frank if we did not point out that in the event of a reduction in State funds, the Department would need to consider procedures which would be responsive to the expressed intent of Congress. One of these procedures obviously would have to be consideration of withholding Smith-Lever funds from your State." (Emphasis supplied)

5) AGRICULTURAL EXPERIMENT STATION (FEDERAL FUNDS) \$ 187,633

The supplemental request for the Agricultural Experiment Station is similar to the situation described for the Extension Service in that we are seeking authority to expend non-general fund revenues.

The Regents provided contingency approval for the Agricultural Experiment Station to expend the following amounts:

1979-80	\$ 60,000
1980-81	<u>127,633</u>
TOTAL	<u>\$187,633</u>

The language in HB 483 related to these funds reads as follows:

"Any Hatch and regional research funds received that, when added together, exceed \$1,253,737 annually shall cause an equal amount of general fund money to revert. All Hatch and regional research funds available to the agriculture experiment station are to be expended each fiscal year. All interest earned on earmarked revenue belongs to the state general fund. All earmarked revenue funds over \$100,000 ending fund balance on June 30, 1981, shall revert to the state general fund."

The breakdown of the Agricultural Experiment Station revenues compared with HB 483 is as follows:

<u>Fund Source</u>	<u>FY 1981 Budget HB 483</u>	<u>Proposed Changes</u>	<u>FY 1981 Proposed Budget</u>
General Fund	\$ 3,480,666	\$ 32,500 ^a	\$ 3,513,166
Other Funds*	3,103,302*	199,433*	3,302,735*
Hatch Fund	853,559	78,689 ^b	932,248
Regional Fund	400,178	48,944 ^c	449,122
Earmark Revenue	1,089,730	(28,200) ^d	1,061,530
U.S. Range	<u>759,835</u>	<u>100,000^e</u>	<u>859,835</u>
Grand Total	<u>\$ 6,583,968</u>	<u>\$ 231,933</u>	<u>\$ 6,815,901</u>

Classification of
Expenditures

Personal Services	4,992,408	5,997	4,998,405
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MEMO
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Operations	1,397,461	197,201	1,594,662
Capital	<u>194,099</u>	<u>28,735</u>	<u>222,834</u>
Grand Total	<u>\$ 6,583,968^f</u>	<u>\$ 231,735</u>	<u>\$6,815,901</u>

- a General Fund from HB 410 (Biological Weed Control.)
- b Increase in Hatch Funds above HB 483.
- c Increase in Regional Fund above HB 483.
- d Decrease in Earmarked Revenue to reflect Chemistry Station change to designated funds.
- e U. S. Range HB 483 budget \$759,835 distributed, \$615,890 Personal Services, \$133,945 Operations, \$10,000 Capital.
- f Subtotal of Hatch, Regional, Earmark Revenue, and U.S. Range directly below.

The \$78,689 plus the \$48,944 comprise the \$127,633 amount for 1981.

6) WICHE DUES (TRANSFER OF FUNDS) \$ 3,510

The appropriation bill provides \$39,000 for administrative dues to WICHE as per our request last session. We were unaware of the scheduled increase in dues until after the legislature adjourned. The Commissioner of Higher Education was not able to attend the meeting in 1978 when the motion to increase the dues passed. The dues have been \$39,000 per year for three years so the increase is not unreasonable.

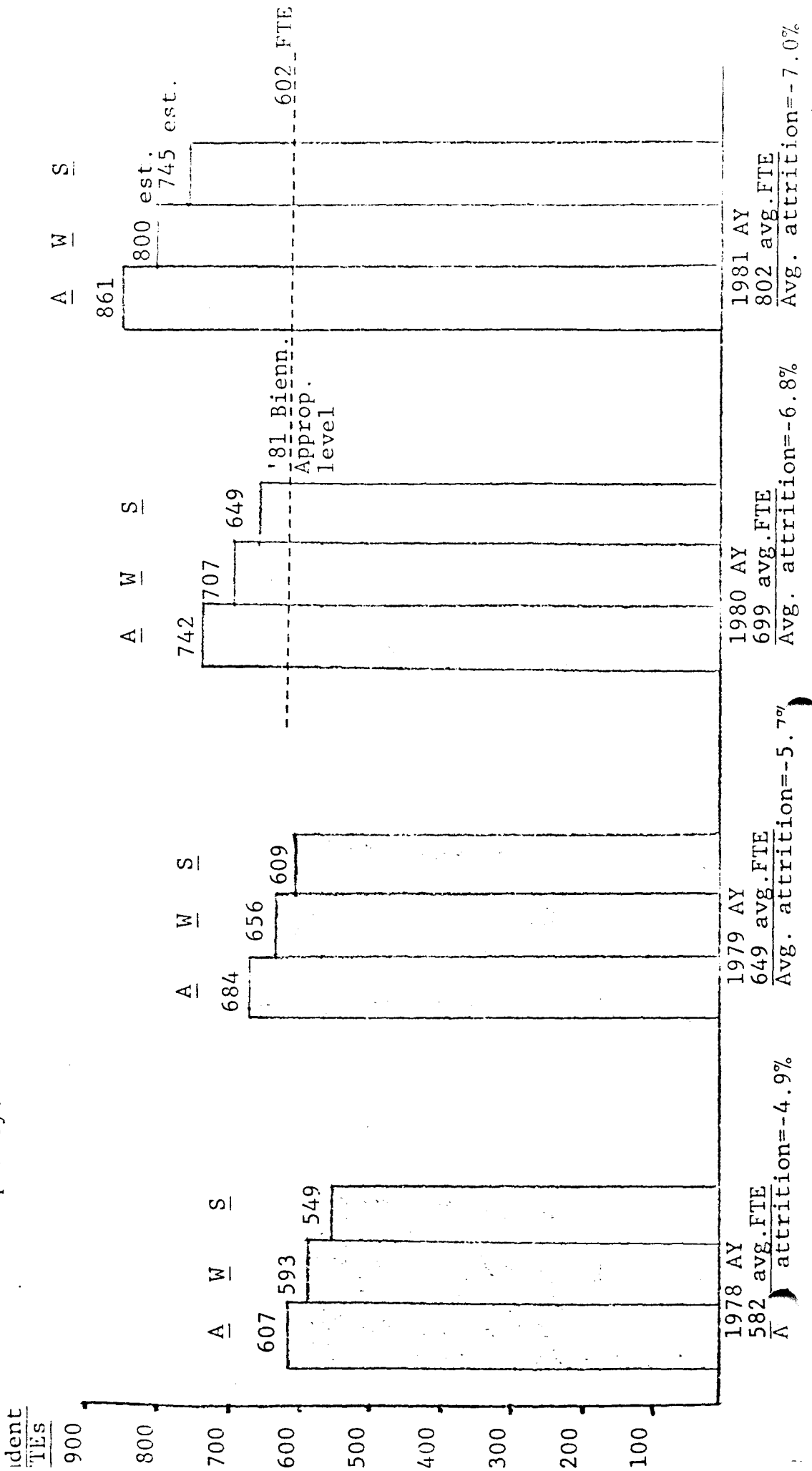
If the committee concurs, the funds will be transferred from the Minnesota Rural Dental assistance program as there appears to be adequate funding for all accepted Minnesota applicants. The total dues required for the current year will be \$42,510.

ex D

WESTERN MONTANA COLLEGE ENROLLMENTS

Student FTEs

Each Quarter has one-third the summer included in accordance with standard enrollment determination policy.



WING Enrollment 1975-80

1,100

- Head Count (Fall)
- - - Full Time Equivalent (Fiscal Year)
- Fiscal Year Appropriation (1979-1981)

1,000

900

800

700

600

500

1975

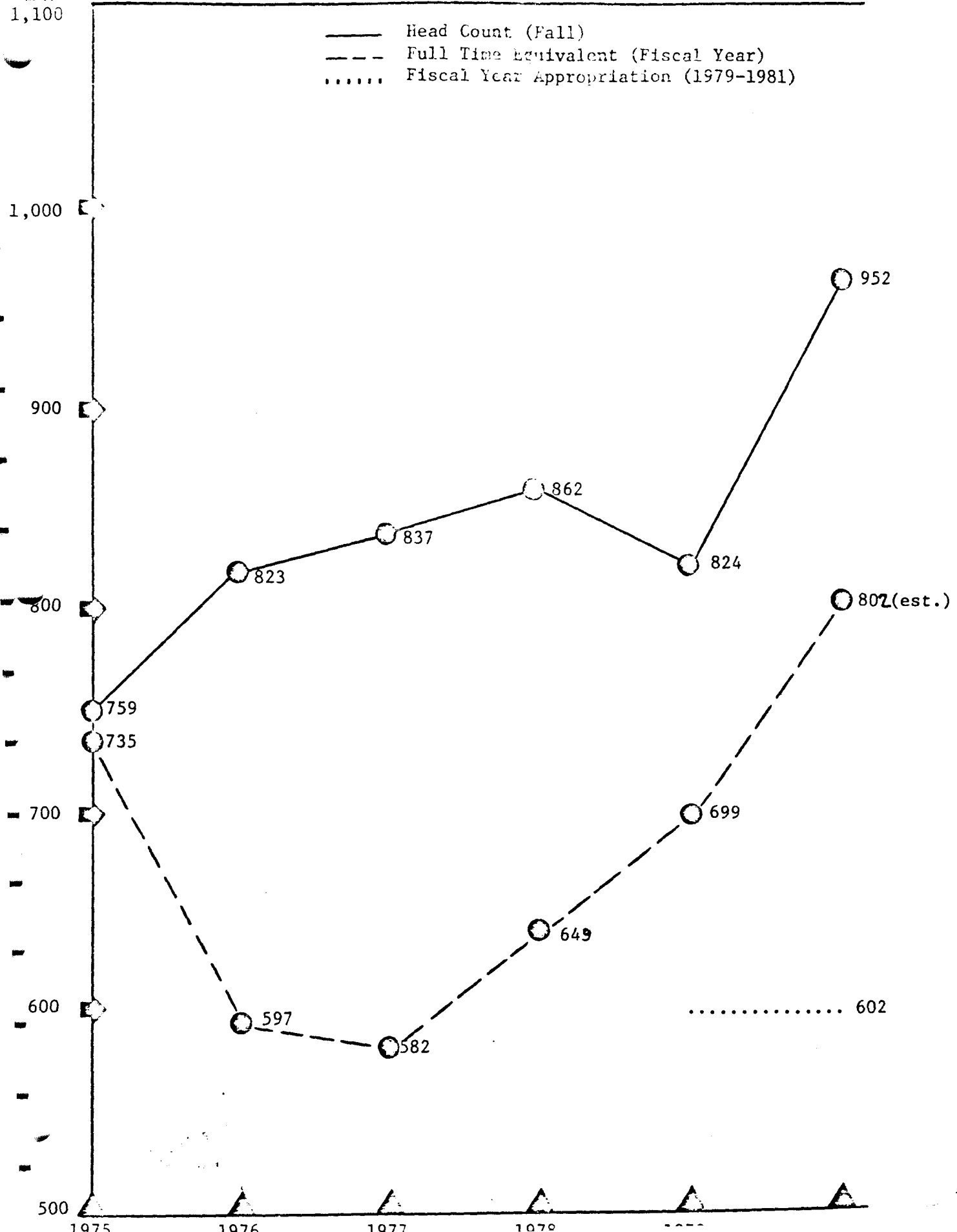
1976

1977

1978

1979

1980



EX E

MONTANA COLLEGE OF MINERAL SCIENCE AND TECHNOLOGY

NEEDS LIST FOR ENROLLMENT SUPPLEMENTAL REQUEST

Submitted to the
EDUCATION SUBCOMMITTEE
January 8, 1981

1. Lab supplies and small equipment	\$100,000
2. Graduate student operating expenses	15,000
3. Advertising and interviewing for 25 faculty positions (20 new, 5 replacements @ \$3,000)	75,000
4. Moving for 7 faculty (research starting in July)	7,000
5. Desks, etc. for 20 new faculty at \$1,500	30,000
6. Library personnel (1 professional, 2 support)	25,000
7. Library work stations (3 @ \$2,100)	6,300
8. Library (books \$2,000 for 16 program areas)	32,000
9. Departmental operating costs (13 @ ≈ \$3,000)	40,000
10. Computer (hardware, software, & personnel)	82,400
11. Lab assistants, graders	10,000
12. Student workers (typing, filing, office work)	10,000
13. Clerical support throughout campus, counseling, testing (7 persons)	35,000
14. Clerical support work stations	14,700
15. Physical Plant (security, maintenance, etc.)	60,000
16. Research support (clerical, etc.)	10,000
17. Audio-Visual equipment (over-head projectors & screens)	9,000
18. Capital equipment (Instructional, Student Services, Physical Plant, etc.)	<u>128,000</u>
TOTAL	\$700,000

SHEET

ECPD (ABET) Accreditation. Number of B.S. degree programs in mineral engineering fields, including mandatory Mining Engineering (Geological, Geophysical, Metallurgical, Mineral Processing, Petroleum).

MONTANA TECH*	6	New Mexico Inst. Mines & Tech	2
Alaska, University of	2	Penn State*	3
Arizona, University of*	3	South Dakota School of Mines*	3
Colorado School of Mines*	6	Utah, University of*	3
Columbia University*	2	Virginia Tech*	1
Idaho, University of	3	West Virginia University	2
Michigan Tech*	2	Wisconsin-Madison, Univ. of	2
Missouri-Rolla, Univ. of*	4	Wisconsin-Platteville,	1
Nevada-Reno, Univ.*	3	Univ. of	

*Participated in South Dakota School of Mines Salary Survey

Source: 47th. Annual Report, ECPD, Year Ending September 30, 1979.

HOW MANY FY	Actual FYFTE	% Increase	Legislative Budgeted FYFTE	Underfunded FYFTE
1976	894	--	722	172
1977	991	10.8	698	293
1978	1058	6.8	954	104
1979	1141	7.8	954	187
1980	1247	9.3	1097.5	149.5
1981	1450 (est.)	16.2 (est.)	1097.5	352.5 (est.)

Total Underfunded, 1976 through 1980: 905.5 FYFTE, 20.5%, est. thru 1981, 1258 FYFTE

1980 Fall Enrollment: No. Full-time Students 1246
No. Engineering Students 864 = 69.3%

1980 B.A., B.S. Graduates: Total 131
Engineering 103
% Engineering 79%

HOW MUCH

Engineering faculty salaries (South Dakota School of Mines Survey)
Programs in Mineral Engineering

	Professors	Assoc. Prof.	Asst. Prof.	Weighted Avg.	Deans
1978-79					
Average	\$30,304	\$22,550	\$18,634	\$25,911	\$45,972
Tech (15/16)	23,977	21,032	18,526	21,294	32,700
1979-80					
Average	32,362	24,200	20,007	27,392	49,359
Tech (15/16)	25,086	22,446	19,553	22,368	35,500

1980 average starting annual salary, B.S. Engineering, Tech = \$23,100

WHAT HAPPENED

Placement Summary, Engineering Class of 1980 (July 21, 1980 Summary)

No. of Graduates	103	Actual starting salaries, \$/Month
Graduates to Industry/	84	Average \$1,925
Foreign Nationals	12	Maximum 3,200
Graduates to Grad School	5	Minimum 1,500
Other	2	

Average Number of Offers 3.3

President's Office

8/18/80, revised 9/1/80, 9/30/80