

RECIPROCAL ELECTRICAL APPRENTICE & JOURNEYMAN REQUIREMENT COMPARISON

APPENDIX F

07/11/07	ALASKA	ARKANSAS	COLORADO	MINNESOTA	MONTANA	NEBRASKA	NEW HAMPSHIRE	NEW MEXICO	NORTH DAKOTA	OKLAHOMA	SOUTH DAKOTA	UTAH	WASHINGTON	WYOMING	IDAHO	TEXAS
APPRENTICE																
Apprentice registration/license required	YES	YES	YES	YES	YES	YES	YES	NO (OPTIONAL)	YES	YES	YES	YES	YES	YES	YES	YES
Apprentice registration/license fee	\$50 / APP.; \$200 / 2 YEARS	\$10.00	\$10.00	\$15 / YR	NONE	\$20.00 / 2 YEARS	\$15.00 / YEAR	NONE	\$10	\$30.00	\$20.00 / 2 YEARS	\$110.00 / 2 YEARS	ORIG. \$35 / 2 YRS RENEW \$43 / 2 YRS	\$20	\$10.00	\$15.00 / YR
Apprentice age requirement	16	PER BAT	NONE	16	18	NONE	NONE	16 YEARS	16	16	16	18 W/O APPROVAL	16 W/L & 1 MINOR PERMIT	16	16	16
Apprentice education requirement	PER BAT	HS or GED	NONE	NONE	H.S./GED	NONE	HS / GED	NO (OPTIONAL)	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
OTJ training of apprentice requirement	8,000 HOURS	8,000 HOURS	MIN. 4 YEARS / 8,000 HOURS	8,000 HRS	8,000 HOURS	MIN. 4 YEARS / 8,000 HOURS	8,000 HOURS	NO (OPTIONAL)	8,000 HOURS MAX. / 2,000 / YEAR	8,000 HOURS	8,000 HOURS MAX. / 2,000 / YEAR	8,000 HOURS W/ SCHOOL OR 16,000 HOURS W/O	8,000 HOURS	8,000 HOURS	8,000 HOURS	8,000 HRS
Journeyman supervision of apprentice requirement	CONSTANT OTJ SUPERVISION	YES	CONSTANT OTJ SUPERVISION	CONSTANT OTJ SUPERVISION	CONSTANT OTJ SUPERVISION	CONSTANT OTJ SUPERVISION	YES	DIRECT OTJ SUPERVISION	CONSTANT OTJ SUPERVISION	YES	CONSTANT OTJ SUPERVISION	CONSTANT OTJ SUPERVISION	75%	1 & 2 - 100% 3 - 50% 4 - 25%	CONSTANT OTJ SUPERVISION	YES
Apprentice Vocational Education required	PER BAT	YES	NONE	NO	144 HOURS / YEAR (576 TOTAL)	NONE	144 HOURS / YEAR (576 TOTAL)	NONE	2 YRS OR 576 HOURS CLASSROOM	NONE	NONE	144 HOURS / YEAR (576 TOTAL)	8 CLASSROOM HOURS/ YEAR	144 HOURS / YEAR (576 TOTAL)	144 HOURS / YEAR 576 TOTAL	NONE
Experience mix requirement (Commercial/Industrial/Residential)	MAX. 2,000 HOURS RESIDENTIAL	4,000 HRS COMM - INDUST	NONE	NONE	NO MORE THAN 4,000 RES.	NONE	N/A	YES	NONE	MIN. 4,000 HOURS COMMERCIAL / INDUSTRIAL	NONE	NONE	MIN. 4,000 COMMERCIAL	NOT MORE THAN 75% IN ANY ONE CATEGORY	NO MORE THAN 75% PER AREA	NONE
Apprentice to Journeyman Ratio	1 JW / 2 APP.	1 JW / 1 APP.	1 JW / 3 APP.	1 JYM / 2 UNLIC	1 JW / 1 (1ST APP) 3 JW / 1 APP AFTER 1	1 JW / 3 APP.	1:1 (SITE RATIO)	1 JW / 3 APP. OR 1 JW / 1 APP PROGRAM	1 JW / 3 APP.	1 JW / 2 APP.	COMMERCIAL, ON-SITE SUPERVISION	NON-RES 1 JW / 1 APP; RES. 1 JW / 3 APP.	COMM. - 1 JW / 1 APP; RES. 1 JW / 2 APP.	1 JW / 2 APP.	1 JW / 2 APP	NONE
JOURNEYMAN																
OTJ hours, years or combination to sit for Journeyman Exam	4 YEARS / 8,000 HOURS	4 YEARS / 8,000 HOURS	4 YEARS / 8,000 HOURS	48 MONTHS	4 YEARS / 8,000 HOURS	4 YEARS / 8,000 HOURS	8,000 HOURS	4 YEARS	8,000 HOURS	4 YEARS / 8,000 HOURS	4 YEARS / 8,000 HOURS	8000 HRS + 576 HRS SCHOOL OR 18,000 HRS	8,000 HOURS	4 YEARS / 8,000 HOURS	4 YEARS / 8,000 HRS	8,000 HRS
Experience mix requirement (Commercial/Industrial/Residential)	NO MORE THAN 2,000 RESIDENTIAL	YES	MIN. 2 YEARS / COMM/IND.	BASED ON ELECTRICAL WORK	NO MORE THAN 4,000 RES.	NONE	N/A	YES	NONE	NONE	1 YEAR COMM.	MUST BE IN CLASSIFICATION APPLYING FOR	MIN. 4,000 COMMERCIAL	NOT MORE THAN 75%	CANNOT EXCEED 75% IN 1 CATEGORY	NONE
Vocational education requirement for in-state Journeyman to test	PER BAT	NONE	NONE	CASE BY CASE	NONE	NONE	576	NONE	2 YRS OR 576 HOURS CLASSROOM	NONE	NONE	OPTIONAL	NONE	576	576	NONE
Vocational education requirement for out-of-state Journeyman to test	NONE	CASE BY CASE	NONE	NO	NONE	NONE	CASE BY CASE	NONE	NONE	NONE	NONE	OPTIONAL	CASE BY CASE	MIN. FOR THAT STATE	576 OR 16,000 OTJ EXP	NONE
Is properly documented out-of-state experience accepted even if it did not comply with that state's requirements?	CASE BY CASE BASIS	NO	YES	DEPENDS ON REQUIREMENT	LEGALLY OBTAINED	CASE BY CASE	CASE BY CASE	NO	CASE BY CASE	CASE BY CASE	CASE BY CASE	NO	NO	NO	NO	NO
Temporary work permit available?	NO	YES	YES	NO	YES	NONE	NONE	YES	LTD. EMERGENCY BASIS	NONE	YES	NO	YES	YES	NO	NO
Is a written exam required?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Number of questions?	100	60	95	80	60	50	100 (2 PARTS)	100	70	100	85	75	60 +17	80	80	80
Time limit?	4 HOURS	3 HOURS	4½ HOURS	5½ HOURS	3 HOURS	3 HOURS	4 HOURS (JW); AND 5 HOURS (MASTER)	3.5 HOURS	4½ HRS	4 HOURS	5 HOURS	6 HOURS	4 HOURS	4 HOURS	4 HOURS	4 HOURS
Passing score	70%	70%	70%	70%	75%	75%	70%	75%	70%	70%	70%	75%	70%	70%	70%	70%
Is the exam part or all open book?	ALL	ALL	ALL	ALL	ALL	ALL	ALL	PART	PART	ALL	PART	PART	ALL	ALL	ALL	ALL
Who develops and/or administers the written exam?	DEPARTMENT STAFF	THOMSON	PROMISOR	DEPT. STAFF	LASER GRADE	EXEC DIRECTOR, CHIEF INSPECTOR	STATE'S INSPECTORS / BOARD	PSI	EX. DIRECTOR / ELEC. BOARD	PSI	COMMISSION APPOINTEES	THOMPSON PROMETRIC	LASER GRADE	ICC	ICC	ICC
Is a practical exam required?	NO	NO	NONE	NO	NO	NONE	YES	YES	NO	NONE	NONE	YES	NO	NO	NO	NO
Upon failure of the exam once, what are the time restrictions before retake?	30 DAYS	NONE	NONE	6 MONTHS	NONE	NONE	N/A	NONE	50 - 69 (3 MONTHS) 0 - 49 (6 MONTHS)	30 DAYS EST. BY LEGISLATIVE RULES	30 DAYS	30 DAYS	60-69 (1 DAY) <60 (2 WEEKS)	10 DAYS	30 DAYS	10 DAYS
Upon failing the exam twice, what are the time restrictions before retake?	30 DAYS	NONE	N/A	6 MONTHS	6 MONTHS, 8 HOUR CE & 20 HOURS STUDY	NONE	N/A	30 DAYS	DOUBLE PREVIOUS WAITING PERIOD	90 DAYS EST. BY RULES	90 DAYS	1 PART = 1 SEM. SCHOOL; 2-3 PARTS = 1 YEAR SCHOOL	60-69 (1 DAY) <60 (2 WEEKS)	10 DAYS	30 DAYS	10 DAYS
Upon failing the exam three times, what are the time restrictions before retake?	30 DAYS	NONE	N/A	6 MONTHS	1 YEAR, 16 HOUR CE & 40 HOURS STUDY	NONE	N/A	30 DAYS	DBL. LAST W/P - MAX. 12 MONTHS	90 DAYS EST. BY RULES	90 DAYS	N/A	90 DAYS AFTER 3 FAILED ATTEMPTS	10 DAYS	1 YEAR	10 DAYS
How often are exams given?	WEEKLY - IN ANCHORAGE	MONTHLY	TUESDAY - SATURDAY	WEEKLY	DAILY	MONTHLY	4 TIMES / YEAR	DAILY	MONTHLY	DAILY IN SOME	MONTHLY	DAILY	DAILY	DAILY IN SOME	DAILY	DAILY
Is continuing education required?	YES	YES	RENEWAL EXAM	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
How many hours are required?	16 HOURS / 2 YEARS	8 HRS-3 YRS	N/A	16 HOURS / 2 YEARS	16 HRS / 2 YEARS	12 HOURS / 2 YEARS	15 HOURS ON CODE CHANGE	16 HOURS - 8 CODE	6 HOURS / 1 YEAR	6 HRS / CODE CYCLE	16 HOURS / 2 YEARS	16 HOURS / 2 YEARS	24 HOURS / 3 YEARS	16 HOURS / 3 YEARS	24 HOURS / 3 YEARS	4 HRS / YR
The duration of a Journeyman license	2 YEARS	1 - 3 YEARS	2 YEARS	2 YEARS	2 YEARS	2 YEARS	1 YEAR (RENEWED ON BIRTH MONTH)	3 YEARS	1 YEAR	1 YEAR	2 YEARS	2 YEARS	3 YEARS	3 YEARS	3 YEARS	1 YEAR
Revival period without re-testing	2 YEARS	1 YEAR	NEXT RENEWAL	2 YEARS	1 YEAR	90 DAYS	1 YEAR	6 MONTHS	3 YEARS	N/A	1 YEAR COMM.	CASE BY CASE	90 DAYS	45 DAYS	1 YEAR	1 YEAR
Cost of a Journeyman license (renewal)	\$200 / 2 YEARS	\$25.00	\$28 / 2 YEARS	\$30.00 / 2 YEARS	\$70.00 / 2 YEARS	\$25/YR, \$50/2 YRS	\$30.00 / YEAR	\$75.00 / 3 YEARS	\$25.00 / YEAR	\$50.00	\$40.00 / 2 YEARS	\$63 / 2 YEARS	\$67 / 3 YEARS	\$50.00 / 3 YEARS	\$45.00 / 3 YEARS	\$40.00 / YEAR

Other States Pass/Fail Rates on Journeyman Exams

- **Arkansas**
 - 2006 – 1st Attempt 40.8% Overall 41.51%
 - 2007 – 1st Attempt 34.7% Overall 40.08%
- **Colorado**
 - 2006 – 1st Attempt 35.26%
 - Retakes – 33.89%
- **Minnesota**
 - 2007 -
- **Nebraska**
 - 2004 – 42.66%
 - 2005 – 50%
 - 2006 – 40.57%
 - 2007 – 43.68%
- **New Mexico**
 - 2005 – 66%
 - 2006 – 70%
 - 2007 – 44%
- **North Dakota**
 - 2006
 - Masters – 64%
 - Journeyman – 56%
- **South Dakota**
 - 2007 – 43%
- **Texas**
 - 2006 – 27.8%
 - 2007 – 24.1%
 - 2008 – 33.6%
- **Utah**
 - 1st Attempts – 65 – 70%
 - Hands on practical test – 50%
- **Washington**
 - 2007 - 1st Attempts – 46%
 - Other Attempts – 63%
- **Wyoming**
 - January 2006 – July 2007 – 38%

EMPLOYERS

WORKERS

PROVIDERS

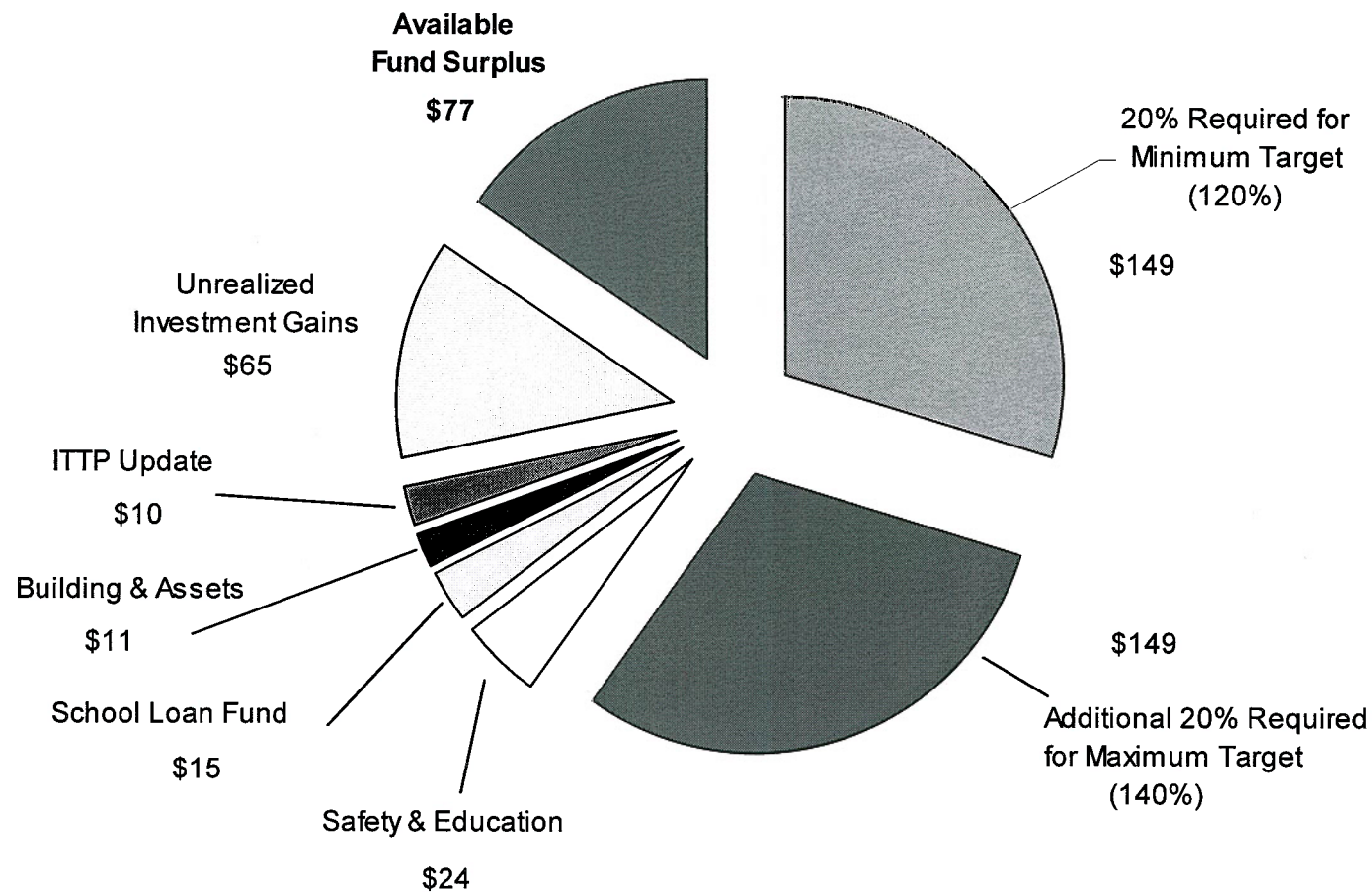
WORKFORCE SAFETY & INSURANCE

Presentations to:
**Interim Industry, Business &
Labor Committee**

Wednesday, July 9, 2008

Projected Fund Balance – June 30, 2008

Chart numbers in millions



Projected Fund Balance – June 30, 2008

Unpaid Loss & LAE, Discounted 5%	Actual Jun 2007	Cumulative Funding Ratio	"Projected" Jun 2008	Cumulative Funding Ratio
	730,900,000	100%	745,000,000	100%
Fund Balance	466,835,352	63.9%	499,335,352	67.0%
Allocated / Restricted				
120% Target	146,180,000	20.0%	149,000,000	20.0%
140% Target	146,180,000	20.0%	149,000,000	20.0%
Safety Education, Grants & Incentives	31,053,261	4.2%	23,500,000	3.2%
Revolving School Loan Fund	14,985,649	2.1%	14,985,649	2.0%
Capital Assets Including Building	11,944,008	1.6%	10,800,000	1.4%
ITTP Update			10,000,000	1.3%
Not Immediately Available				
Unrealized Investment Gains	73,343,549	10.0%	65,000,000	8.7%
Available Fund Surplus	43,148,885	5.9%	77,049,703	10.3%

Fund balance is comprised of restricted, unrestricted, spendable and unspendable dollars. Unrealized gains, capital assets, and funds allocated for special purposes are not included in the "Available Fund Surplus" total.

Note: ITTP Update requires approximately \$10 million dollars in FY 09 and FY 10. The original agreement receiving legislative approval required these funds be taken from surplus so premium rates would not be affected.

June 2008 totals are projected. Actual totals will vary.