



Mike Holt's State Rating of the Electrical Industry

POINT ASSIGNMENT

1 point for mandatory apprenticeship program
1 point for each mandatory licensing type
1 point for CE or PDH requirements for renewal
-0.5 points *Partial Adoption
[for example government only or commercial only]
-1 point 2008 NEC
-2 points local city/county/municipality

3 points 2020 NEC
2 points 2017 NEC
1 point 2014 NEC
0 points 2011 NEC

YES = State-wide mandate
NO = adopted at local levels
A = State name
B = Mandatory Apprenticeship program

LEGEND

C, E, G, I = required to be state-licensed
D, F, H, J = CEU/PDH required for license renewal
K = NEC edition adopted state-wide
L = explains partial adoption

M = points for this year
N = current grade based on points
O = change in points from last report
P = what updated since last report

THE SCALE IS F to A+ based on the following point totals

F	F	F	D	D+	D+	C-	C-	C	C	C+	C+	B-	B-	B	B	B+	B+	A-	A-	A	A	A+
0.0	1.0	1.5	2.0	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0

	2021 DETAILS												HISTORICAL RANKING															
A	B	C	D	E	F	G	H	I	J	K	L	M												N	O	P		
STATE	APPRENTICE	JOURNEYMAN		MASTER/CONTR.		PROF. ENGINEER		INSPECTOR		NEC adopted *State-wide	*Partial Adoption -0.5 points	2021 points	2007	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021 RATING	2021 CHANGE	WHAT UPDATED SINCE LAST REPORT
	LICENSE	LICENSE	CEU	LICENSE	CEU	LICENSE	PDH	STATE CERT.	CEU																			
ALABAMA	NO	YES	NO	YES	YES	YES	YES	YES	YES	2014	State buildings, schoolhouses, hotels, motion picture studios	7.5	D	B-	C-	C-	B-	B-	C+	B-	C+	C+	B	B	B-	B-	0	
ALASKA	YES	YES	YES	YES	YES	YES	YES	YES	YES	2017		11.0	B	B+	A-	A-	A+	A+	A	A	A	A	A	A+	A	A	0	
ARIZONA	NO	NO	NO	YES	NO	YES	NO	NO	NO	Local		0.0	D	D	D	D	D	D	F	F	F	F	F	F	F	F	0	
ARKANSAS	YES	YES	YES	YES	YES	YES	YES	YES	YES	2017		11.0	A-	A-	A-	A-	A+	A+	A+	A+	A+	A	A+	A+	A	A	0	
CALIFORNIA	YES	YES	YES	YES	YES	YES	NO	YES	YES	2017		10.0	A-	A-	A-	A-	A-	A-	A-	A-	A-	A-	A-	A-	A-	A-	0	
COLORADO	YES	YES	YES	YES	YES	YES	NO	YES	YES	2020		11.0	B-	B	B	B+	A-	A-	A+	A+	A+	A	A+	A+	A-	A	+1	2020 NEC 8/1/20
CONNECTICUT	YES	YES	YES	YES	YES	YES	NO	YES	YES	2017		10.0	A-	A-	A-	B+	B+	B+	A-	A-	A-	A-	A-	A	A-	A-	0	
DELAWARE	YES	YES	YES	YES	YES	YES	YES	YES	YES	2014		10.0	A-	B+	A-	A-	A	A	A-	A-	A-	A	A	A	A-	A-	0	
DISTRICT OF COLUMBIA	YES	YES	NO	YES	NO	YES	YES	YES	NO	2011		6.0	C	C	C	C	C	C	C+	C+	C+	C	C	C	C	C+	+1	PDH required Engineers 8/31/20
FLORIDA	NO	NO	NO	YES	YES	YES	YES	YES	YES	2017		8.0	B+	B	B+	B	B	B	B-	B	B	B-	B	B	B-	B	+1	2017 NEC 12/31/20
GEORGIA	NO	NO	NO	YES	YES	YES	YES	NO	NO	2020		7.0	B	B	B-	C+	B-	B-	B-	B-	C+	B-	B-	C+	B-	+1	2020 NEC 1/1/21	
HAWAII	NO	YES	YES	YES	YES	YES	NO	NO	NO	2017	State Building, local counties	6.5	B-	C+	C	C	B-	B-	C+	C+	C	C-	C+	B-	C+	C+	0	
IDAHO	YES	YES	YES	YES	YES	YES	YES	YES	NO	2017		10.0	B+	B+	A-	A-	A-	A-	A	A	A	A-	A	A	A-	A-	0	
ILLINOIS	NO	NO	NO	NO	NO	YES	YES	YES	NO	Local		1.0	D	D	D	D+	D+	D+	D	D	D	F	F	F	F	F	0	
INDIANA	NO	NO	NO	NO	NO	YES	YES	NO	NO	2008		1.0	C-	D+	C-	C-	C-	C-	D+	D+	D+	D	D	D	F	F	0	
IOWA	YES	YES	YES	YES	YES	YES	YES	YES	YES	2020		12.0	D	B+	A	A	A+	A+	A	A+	A+	A	A+	A+	A	A+	+1	2020 NEC 4/1/21
KANSAS	NO	NO	NO	NO	NO	YES	YES	NO	NO	Local		0.0	C-	D+	D	D	D	D	F	F	F	F	F	F	F	F	0	
KENTUCKY	NO	YES	YES	YES	YES	YES	YES	YES	YES	2017		10.0	A-	A-	A	A-	A	A	A	A	A	A-	A-	A	A-	A-	0	
LOUISIANA	NO	NO	NO	YES	YES	YES	YES	NO	NO	2014		5.0	C	C+	B-	C+	B-	B-	C+	C+	C+	C	C+	C+	C	C	0	
MAINE	YES	YES	YES	YES	YES	YES	YES	YES	YES	2017		11.0	A	A	A	A	A+	A+	A+	A+	A+	A	A+	A+	A	A	0	
MARYLAND	NO	NO	NO	YES	YES	YES	YES	YES	NO	2017	State buildings, schoolhouses, hotels, motion picture studios	6.5	D+	D	C-	C-	C-	C+	C	C	C+	C	C	C	C+	C+	0	
MASSACHUSETTS	NO	YES	YES	YES	YES	YES	NO	YES	YES	2020		10.0	B+	B+	A-	A-	A-	A-	A-	A-	A-	A-	A-	A-	A-	A-	0	
MICHIGAN	YES	YES	YES	YES	YES	YES	YES	YES	YES	2017		11.0	A-	A-	A	A-	A-	A-	A	A+	A+	A	A	A+	A	A	0	

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A	B	C	D	E	F	G	H	I	J	K	L	M												N	O	P		
STATE	APPRENTICE	JOURNEYMAN		MASTER/CONTR.		PROF. ENGINEER		INSPECTOR		NEC adopte d *State- wide	*Partial Adoption -0.5 points	2021 points	2007	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021 RATING	2021 CHANGE	WHAT UPDATED SINCE LAST REPORT
	LICENSE	LICENSE	CEU	LICENSE	CEU	LICENSE	PDH	STATE CERT.	CEU																			
MINNESOTA	YES	YES	YES	YES	YES	YES	YES	YES	YES	2020		12.0	A+	B+	A+	A+	A+	A+	A+	A+	A+	A+	A+	A	A+	+1	2020 NEC 11/17/20	
MISSISSIPPI	NO	NO	NO	YES	NO	YES	YES	NO	NO	Local		1.0	D+	D+	D+	D+	D+	D	D	D	F	F	F	F	F	0		
MISSOURI	NO	NO	NO	NO	NO	YES	YES	NO	NO	Local		0.0	D+	D	D	D	D	D	F	F	F	F	F	F	F	0		
MONTANA	YES	YES	YES	YES	YES	YES	YES	YES	NO	2017		10.0	B	B	B	A-	A	A	A	A	A-	A-	A-	B+	A-	+1	2017 NEC 12/7/19	
NEBRASKA	YES	YES	YES	YES	YES	YES	YES	YES	YES	2017		11.0	B+	B	A-	A	A	A	A+	A+	A+	A	A+	A+	A	A	0	
NEVADA	NO	NO	NO	YES	NO	YES	YES	YES	NO	Local		2.0	D+	C-	C-	D+	D+	D+	D	D	D	F	F	F	F	D	+1	Inspectors require certification
NEW HAMPSHIRE	YES	YES	YES	YES	YES	YES	YES	NO	NO	2017		9.0	A-	A-	A-	A-	A-	A-	A-	A-	B+	A-	A-	B+	B+	0		
NEW JERSEY	NO	YES	YES	YES	YES	YES	YES	YES	YES	2017		10.0	B+	B+	A-	A-	A	A	A-	A-	A-	A-	A-	A-	A-	A-	0	
NEW MEXICO	NO	YES	YES	YES	YES	YES	YES	YES	NO	2017		9.0	B+	B+	B+	B+	A-	A-	A-	A-	A-	B+	A-	A-	B+	B+	0	
NEW YORK	NO	NO	NO	NO	NO	YES	YES	YES	YES	2014		5.0	D+	D+	D+	C-	C-	C-	D+	D+	D+	C-	C+	C+	C	C	0	
NORTH CAROLINA	NO	NO	NO	YES	YES	YES	YES	YES	YES	2017		8.0	A	A	A	B	B+	B+	B	B	B	B	B+	B+	B	B	0	
NORTH DAKOTA	YES	YES	YES	YES	YES	YES	YES	YES	YES	2020		12.0	A+	A+	A+	A+	A+	A+	A+	A+	A+	A	A+	A+	A	A+	+1	2020 NEC 1/1/21
OHIO	NO	NO	NO	YES	YES	YES	YES	YES	YES	2017	Commercial Building only	7.5	A-	A-	B+	B	B+	B+	B	B+	B+	B-	B	B	B-	B-	0	
OKLAHOMA	YES	YES	YES	YES	YES	YES	YES	YES	YES	2014	Commercial Building only	9.5	A+	A	A+	A	A+	A+	A	A	A	A-	A-	A-	B+	B+	0	
OREGON	YES	YES	YES	YES	YES	YES	YES	YES	YES	2020		12.0	A+	A+	A+	A+	A+	A+	A+	A+	A	A+	A+	A	A+	+1	2020 NEC 4/1/21	
PENNSYLVANIA	NO	NO	NO	NO	NO	YES	YES	YES	YES	2014		5.0	C	C-	C	C	C+	C+	C	C	C	C-	C+	C+	C	C	0	
RHODE ISLAND	NO	YES	YES	YES	YES	YES	NO	YES	YES	2017		9.0	A-	A-	A-	A-	A-	A-	A-	A-	B+	B+	B+	B+	B+	0		
SOUTH CAROLINA	NO	NO	NO	YES	NO	YES	YES	YES	YES	2017		7.0	B-	B-	B	B-	B-	B-	B-	B-	B-	B-	B-	B-	B-	0		
SOUTH DAKOTA	YES	YES	YES	YES	YES	YES	YES	YES	YES	2020		12.0	A	A+	A+	A+	A+	A+	A+	A+	A	A+	A+	A	A+	+1	2020 NEC 7/1/20	
TENNESSEE	NO	YES	NO	YES	NO	YES	YES	YES	YES	2017	State except for 30 local jurisdictions	7.5	B	B	B	B-	B	B	B-	B-	C+	C	B	B	B-	B-	0	
TEXAS	YES	YES	YES	YES	YES	YES	YES	NO	NO	2020		10.0	B+	B+	A-	A-	A-	A-	A-	A-	A-	B+	A-	A-	B+	A-	+1	2020 NEC 11/1/20
UTAH	YES	YES	YES	YES	YES	YES	YES	YES	YES	2017	commercial building only; one- and 2- fam. on 2014	10.5	A	A	A	A-	A+	A+	A	A	A	A	A	A-	A-	0		
VERMONT	NO	YES	YES	YES	YES	YES	YES	YES	NO	2017		9.0	B-	B	B+	A-	A-	A-	A-	A-	A-	B+	A-	A-	B+	B+	0	
VIRGINIA	NO	YES	YES	YES	YES	YES	YES	YES	YES	2014		9.0	B+	A-	A-	A-	A-	A-	A-	A-	B+	B+	A-	B+	B+	0		
WASHINGTON	YES	YES	YES	YES	YES	YES	NO	YES	YES	2020		11.0	A-	A	A	A-	A-	A-	A	A	A	A-	A	A	A-	A	+1	2020 NEC 11/1/20
WEST VIRGINIA	NO	YES	NO	YES	NO	YES	YES	YES	YES	2014		7.0	B	B	B+	B	B	B	B	B	B	B	B	B	B-	B-	0	
WISCONSIN	NO	YES	YES	YES	YES	YES	YES	YES	YES	2017	Commercial Building only; one- and two-fam. Planned for 2020	9.5	C+	B+	A-	C	A-	A-	A-	A-	A-	B+	A-	A-	B+	B+	0	
WYOMING	YES	YES	YES	YES	YES	YES	YES	YES	YES	2020		12.0	A	A	A+	A+	A+	A+	A+	A+	A	A+	A+	A	A+	+1	2020 NEC 7/1/20	