

## Average Valence Electron Energy

(all values in kJ/mol)

number	symbol	element	AVEE	number	symbol	element	AVEE
1	H	hydrogen	1,310	28	Ni	nickel	
2	He	helium	2,370	29	Cu	copper	
3	Li	lithium	520	30	Zn	zinc	
4	Be	beryllium	900	31	Ga	gallium	1000
5	B	boron	1,173	32	Ge	germanium	1070
6	C	carbon	1,405	33	As	arsenic	1260
7	N	nitrogen	1,820	34	Se	selenium	1300
8	O	oxygen	1,887	35	Br	bromine	1530
9	F	fluorine	2,311	36	Kr	krypton	
10	Ne	neon	2,730	37	Rb	rubidium	
11	Na	sodium	500	38	Sr	strontium	
12	Mg	magnesium	740	39	Y	yttrium	570
13	Al	aluminum	920	40	Zr	zirconium	
14	Si	silicon	1,125	41	Nb	niobium	
15	P	phosphorous	1,416	42	Mo	molybdenum	
16	S	sulfur	1,350	43	Tc	technetium	
17	Cl	chlorine	1,590	44	Ru	ruthenium	
18	Ar	argon	1,845	45	Rh	rhodium	
19	K	potassium	420	46	Pd	palladium	
20	Ca	calcium	590	47	Ag	silver	
21	Sc	scandium	677	48	Cd	cadmium	
22	Ti	titanium		49	In	indium	940
23	V	vanadium		50	Sn	tin	1040
24	Cr	chromium		51	Sb	antimony	1130
25	Mn	manganese		52	Te	tellurium	1200
26	Fe	iron		53	I	iodine	1350
27	Co	cobalt		54	Xe	xenon	