Appendix 4

U-Values for Windows with Insulating Covers

U-Values (Btus per hour per square foot per °F)

		Single Glazed Windows	Double Glazed Windows	Triple Glazed Windows
1.	Window without			
	insulation	1.15	0.55	0.35
2.	With R-4 insulating			
	cover	0.21	0.17	0.14
	Average U-value with			
	R-4 cover in place 16			
	hr/day (¾ of the	o (•		
	degree days)	0.45	0.27	0.20
	Average U-value with			
	R-4 cover in place 12			
	$hr/day (\frac{2}{3} \text{ of the})$	0.50	0.00	
	degree days)	0.52	0.29	0.21
	With R-10 insulating	0.00	0.005	0.070
	cover	0.09	0.085	0.078
	Average U-value with			
	R-10 cover in place 16			
	hr/day (¾ of the			· ~
	degree days)	0.36	0.20	0.15
	Average U-value with			
	R-10 cover in place 12			
	hr/day (¾ of the			
	degree days)	0.44	0.24	0.17

The www.BuildltSolar.com website provides hundreds of free plans for solar and renewable energy projects

