

```

4,
  PARAMETRIC_RUN ,"Tstat-2" ,"2" ,"" ,TRUE ,"" ,FALSE ,"" , 0,
  PARAMETRIC_COMPONENT ,"AM Clg T-Stat" ,BDLCOMKEY ,PARAMETER ,
1, 1, 1,LIST , 1,"DEER TStat Clg Morning" ,TRUE ,
  PARAMETRIC_KEYWORD ,Numeric , -1, 76,
  PARAMETRIC_COMPONENT ,"Day Clg T-Stat" ,BDLCOMKEY ,PARAMETER ,
1, 1, 1,LIST , 1,"DEER TStat Clg Day" ,TRUE ,
  PARAMETRIC_KEYWORD ,Numeric , -1, 83,
  PARAMETRIC_COMPONENT ,"Evening Clg T-Stat" ,BDLCOMKEY ,PARAMETER ,
1, 1, 1,LIST , 1,"DEER TStat Clg Evening" ,TRUE ,
  PARAMETRIC_KEYWORD ,Numeric , -1, 83,
  PARAMETRIC_COMPONENT ,"Night Clg T-Stat" ,BDLCOMKEY ,PARAMETER ,
1, 1, 1,LIST , 1,"DEER TStat Clg Night" ,TRUE ,
  PARAMETRIC_KEYWORD ,Numeric , -1, 76,
  PARAMETRIC_COMPONENT ,"AM Htg T-Stat" ,BDLCOMKEY ,PARAMETER ,
1, 1, 1,LIST , 1,"DEER TStat Htg Morning" ,TRUE ,
  PARAMETRIC_KEYWORD ,Numeric , -1, 65,
  PARAMETRIC_COMPONENT ,"Day Htg T-Stat" ,BDLCOMKEY ,PARAMETER ,
1, 1, 1,LIST , 1,"DEER TStat Htg Day" ,TRUE ,
  PARAMETRIC_KEYWORD ,Numeric , -1, 68,
  PARAMETRIC_COMPONENT ,"Evening Htg T-Stat" ,BDLCOMKEY ,PARAMETER ,
1, 1, 1,LIST , 1,"DEER TStat Htg Evening" ,TRUE ,
  PARAMETRIC_KEYWORD ,Numeric , -1, 68,
  PARAMETRIC_COMPONENT ,"Night Htg T-Stat" ,BDLCOMKEY ,PARAMETER ,
1, 1, 1,LIST , 1,"DEER TStat Htg Night" ,TRUE ,
  PARAMETRIC_KEYWORD ,Numeric , -1, 65,
  PARAMETRIC_RUN ,"Tstat-3" ,"3" ,"" ,TRUE ,"" ,FALSE ,"" , 0,
  PARAMETRIC_COMPONENT ,"AM Clg T-Stat" ,BDLCOMKEY ,PARAMETER ,
1, 1, 1,LIST , 1,"DEER TStat Clg Morning" ,TRUE ,
  PARAMETRIC_KEYWORD ,Numeric , -1, 80,
  PARAMETRIC_COMPONENT ,"Day Clg T-Stat" ,BDLCOMKEY ,PARAMETER ,
1, 1, 1,LIST , 1,"DEER TStat Clg Day" ,TRUE ,
  PARAMETRIC_KEYWORD ,Numeric , -1, 83,
  PARAMETRIC_COMPONENT ,"Evening Clg T-Stat" ,BDLCOMKEY ,PARAMETER ,
1, 1, 1,LIST , 1,"DEER TStat Clg Evening" ,TRUE ,
  PARAMETRIC_KEYWORD ,Numeric , -1, 83,
  PARAMETRIC_COMPONENT ,"Night Clg T-Stat" ,BDLCOMKEY ,PARAMETER ,
1, 1, 1,LIST , 1,"DEER TStat Clg Night" ,TRUE ,
  PARAMETRIC_KEYWORD ,Numeric , -1, 80,
  PARAMETRIC_COMPONENT ,"AM Htg T-Stat" ,BDLCOMKEY ,PARAMETER ,
1, 1, 1,LIST , 1,"DEER TStat Htg Morning" ,TRUE ,
  PARAMETRIC_KEYWORD ,Numeric , -1, 65,
  PARAMETRIC_COMPONENT ,"Day Htg T-Stat" ,BDLCOMKEY ,PARAMETER ,
1, 1, 1,LIST , 1,"DEER TStat Htg Day" ,TRUE ,
  PARAMETRIC_KEYWORD ,Numeric , -1, 65,
  PARAMETRIC_COMPONENT ,"Evening Htg T-Stat" ,BDLCOMKEY ,PARAMETER ,
1, 1, 1,LIST , 1,"DEER TStat Htg Evening" ,TRUE ,
  PARAMETRIC_KEYWORD ,Numeric , -1, 65,
  PARAMETRIC_COMPONENT ,"Night Htg T-Stat" ,BDLCOMKEY ,PARAMETER ,
1, 1, 1,LIST , 1,"DEER TStat Htg Night" ,TRUE ,
  PARAMETRIC_KEYWORD ,Numeric , -1, 65,
  PARAMETRIC_RUN ,"Tstat-4" ,"4" ,"" ,TRUE ,"" ,FALSE ,"" , 0,
  PARAMETRIC_COMPONENT ,"AM Clg T-Stat" ,BDLCOMKEY ,PARAMETER ,
1, 1, 1,LIST , 1,"DEER TStat Clg Morning" ,TRUE ,
  PARAMETRIC_KEYWORD ,Numeric , -1, 85,
  PARAMETRIC_COMPONENT ,"Day Clg T-Stat" ,BDLCOMKEY ,PARAMETER ,

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1, 1, 1,LIST , 1,"DEER TStat Clg Day" ,TRUE ,  
PARAMETRIC\_KEYWORD ,Numeric , -1, 85,  
PARAMETRIC\_COMPONENT ,"Evening Clg T-Stat" ,BDLCOMKEY ,PARAMETER ,  
1, 1, 1,LIST , 1,"DEER TStat Clg Evening" ,TRUE ,  
PARAMETRIC\_KEYWORD ,Numeric , -1, 85,  
PARAMETRIC\_COMPONENT ,"Night Clg T-Stat" ,BDLCOMKEY ,PARAMETER ,  
1, 1, 1,LIST , 1,"DEER TStat Clg Night" ,TRUE ,  
PARAMETRIC\_KEYWORD ,Numeric , -1, 85,  
PARAMETRIC\_COMPONENT ,"AM Htg T-Stat" ,BDLCOMKEY ,PARAMETER ,  
1, 1, 1,LIST , 1,"DEER TStat Htg Morning" ,TRUE ,  
PARAMETRIC\_KEYWORD ,Numeric , -1, 65,  
PARAMETRIC\_COMPONENT ,"Day Htg T-Stat" ,BDLCOMKEY ,PARAMETER ,  
1, 1, 1,LIST , 1,"DEER TStat Htg Day" ,TRUE ,  
PARAMETRIC\_KEYWORD ,Numeric , -1, 70,  
PARAMETRIC\_COMPONENT ,"Evening Htg T-Stat" ,BDLCOMKEY ,PARAMETER ,  
1, 1, 1,LIST , 1,"DEER TStat Htg Evening" ,TRUE ,  
PARAMETRIC\_KEYWORD ,Numeric , -1, 70,  
PARAMETRIC\_COMPONENT ,"Night Htg T-Stat" ,BDLCOMKEY ,PARAMETER ,  
1, 1, 1,LIST , 1,"DEER TStat Htg Night" ,TRUE ,  
PARAMETRIC\_KEYWORD ,Numeric , -1, 65,  
PARAMETRIC\_RUN ,"Tstat-5" ,"5" ,"" ,TRUE ,"" ,FALSE ,"" , 0,  
PARAMETRIC\_COMPONENT ,"AM Clg T-Stat" ,BDLCOMKEY ,PARAMETER ,  
1, 1, 1,LIST , 1,"DEER TStat Clg Morning" ,TRUE ,  
PARAMETRIC\_KEYWORD ,Numeric , -1, 90,  
PARAMETRIC\_COMPONENT ,"Day Clg T-Stat" ,BDLCOMKEY ,PARAMETER ,  
1, 1, 1,LIST , 1,"DEER TStat Clg Day" ,TRUE ,  
PARAMETRIC\_KEYWORD ,Numeric , -1, 90,  
PARAMETRIC\_COMPONENT ,"Evening Clg T-Stat" ,BDLCOMKEY ,PARAMETER ,  
1, 1, 1,LIST , 1,"DEER TStat Clg Evening" ,TRUE ,  
PARAMETRIC\_KEYWORD ,Numeric , -1, 90,  
PARAMETRIC\_COMPONENT ,"Night Clg T-Stat" ,BDLCOMKEY ,PARAMETER ,  
1, 1, 1,LIST , 1,"DEER TStat Clg Night" ,TRUE ,  
PARAMETRIC\_KEYWORD ,Numeric , -1, 90,  
PARAMETRIC\_COMPONENT ,"AM Htg T-Stat" ,BDLCOMKEY ,PARAMETER ,  
1, 1, 1,LIST , 1,"DEER TStat Htg Morning" ,TRUE ,  
PARAMETRIC\_KEYWORD ,Numeric , -1, 68,  
PARAMETRIC\_COMPONENT ,"Day Htg T-Stat" ,BDLCOMKEY ,PARAMETER ,  
1, 1, 1,LIST , 1,"DEER TStat Htg Day" ,TRUE ,  
PARAMETRIC\_KEYWORD ,Numeric , -1, 68,  
PARAMETRIC\_COMPONENT ,"Evening Htg T-Stat" ,BDLCOMKEY ,PARAMETER ,  
1, 1, 1,LIST , 1,"DEER TStat Htg Evening" ,TRUE ,  
PARAMETRIC\_KEYWORD ,Numeric , -1, 68,  
PARAMETRIC\_COMPONENT ,"Night Htg T-Stat" ,BDLCOMKEY ,PARAMETER ,  
1, 1, 1,LIST , 1,"DEER TStat Htg Night" ,TRUE ,  
PARAMETRIC\_KEYWORD ,Numeric , -1, 68,  
PARAMETRIC\_RUN ,"All 5 Measures T1" ,"11" ,"" ,TRUE ,"" ,FALSE ,"" ,  
0,  
PARAMETRIC\_COMPONENT ,"Duct Sealing" ,BDLCOMKEY ,PARAMETER , 1,  
1, 1,LIST , 1,"Sup&Ret Duct Leakage (pct)" ,TRUE ,  
PARAMETRIC\_KEYWORD ,Numeric , -1, 12,  
PARAMETRIC\_COMPONENT ,"Reduced Air Infil" ,BDLCOMKEY ,PARAMETER ,  
1, 1, 1,LIST , 1,"Infiltration ACH" ,TRUE ,  
PARAMETRIC\_KEYWORD ,Numeric , -1, 0.3,  
PARAMETRIC\_COMPONENT ,"Attic Insul" ,BDLCOMKEY ,PARAMETER , 1,  
1, 1,LIST , 1,"Clg R-Value" ,TRUE ,  
PARAMETRIC\_KEYWORD ,Numeric , -1, 36,

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PARAMETRIC_COMPONENT , "Reduced Ltg" ,BDLCOMKEY ,PARAMETER      , 1,
1, 1,LIST , 1,"Ltg W Reduced per Residence" ,TRUE ,
PARAMETRIC_KEYWORD ,Numeric , -1, 1260,
PARAMETRIC_COMPONENT , "DHW Pipe Insul" ,BDLCOMKEY ,PARAMETER  ,
1, 1, 1,LIST , 1,"DHW Therms Saved" ,TRUE ,
PARAMETRIC_KEYWORD ,Numeric , -1, 2.5,
PARAMETRIC_COMPONENT , "Cooling SEER" ,BDLCOMKEY ,PARAMETER  ,
1, 1, 1,LIST , 1,"SEER" ,TRUE ,
PARAMETRIC_KEYWORD ,Numeric , -1, 18,
PARAMETRIC_COMPONENT , "Heating AFUE" ,BDLCOMKEY ,PARAMETER  ,
1, 1, 1,LIST , 1,"AFUE" ,TRUE ,
PARAMETRIC_KEYWORD ,Numeric , -1, 90,
PARAMETRIC_COMPONENT , "DHW EF" ,BDLCOMKEY ,PARAMETER      , 1,
1, 1,LIST , 1,"DHW EF" ,TRUE ,
PARAMETRIC_KEYWORD ,Numeric , -1, 0.67,
PARAMETRIC_COMPONENT , "Added Wall R-Value" ,BDLCOMKEY ,PARAMETER
, 1, 1, 1,LIST , 1,"EWall R-Value Add" ,TRUE ,
PARAMETRIC_KEYWORD ,Numeric , -1, 5,
PARAMETRIC_COMPONENT , "Window U-Val & SC = 0.5" ,BDLCOMKEY
,PARAMETER , 1, 1, 1,LIST , 2,"Window U-Value" ,"Window SC" ,TRUE ,
PARAMETRIC_KEYWORD ,Numeric , -1, 0.5,
PARAMETRIC_RUN , "All 5 Measures T2" ,"12" ,"" ,TRUE ,"Tstat-2" ,FALSE ,""
,
0,
PARAMETRIC_COMPONENT , "Duct Sealing" ,BDLCOMKEY ,PARAMETER  , 1,
1, 1,LIST , 1,"Sup&Ret Duct Leakage (pct)" ,TRUE ,
PARAMETRIC_KEYWORD ,Numeric , -1, 12,
PARAMETRIC_COMPONENT , "Reduced Air Infil" ,BDLCOMKEY ,PARAMETER  ,
1, 1, 1,LIST , 1,"Infiltration ACH" ,TRUE ,
PARAMETRIC_KEYWORD ,Numeric , -1, 0.3,
PARAMETRIC_COMPONENT , "Attic Insul" ,BDLCOMKEY ,PARAMETER    , 1,
1, 1,LIST , 1,"Clg R-Value" ,TRUE ,
PARAMETRIC_KEYWORD ,Numeric , -1, 36,
PARAMETRIC_COMPONENT , "Reduced Ltg" ,BDLCOMKEY ,PARAMETER    , 1,
1, 1,LIST , 1,"Ltg W Reduced per Residence" ,TRUE ,
PARAMETRIC_KEYWORD ,Numeric , -1, 1260,
PARAMETRIC_COMPONENT , "DHW Pipe Insul" ,BDLCOMKEY ,PARAMETER  ,
1, 1, 1,LIST , 1,"DHW Therms Saved" ,TRUE ,
PARAMETRIC_KEYWORD ,Numeric , -1, 2.5,
PARAMETRIC_COMPONENT , "Cooling SEER" ,BDLCOMKEY ,PARAMETER  ,
1, 1, 1,LIST , 1,"SEER" ,TRUE ,
PARAMETRIC_KEYWORD ,Numeric , -1, 18,
PARAMETRIC_COMPONENT , "Heating AFUE" ,BDLCOMKEY ,PARAMETER  ,
1, 1, 1,LIST , 1,"AFUE" ,TRUE ,
PARAMETRIC_KEYWORD ,Numeric , -1, 90,
PARAMETRIC_COMPONENT , "DHW EF" ,BDLCOMKEY ,PARAMETER      , 1,
1, 1,LIST , 1,"DHW EF" ,TRUE ,
PARAMETRIC_KEYWORD ,Numeric , -1, 0.67,
PARAMETRIC_COMPONENT , "Added Wall R-Value" ,BDLCOMKEY ,PARAMETER
, 1, 1, 1,LIST , 1,"EWall R-Value Add" ,TRUE ,
PARAMETRIC_KEYWORD ,Numeric , -1, 5,
PARAMETRIC_COMPONENT , "Window U-Val & SC = 0.5" ,BDLCOMKEY
,PARAMETER , 1, 1, 1,LIST , 2,"Window U-Value" ,"Window SC" ,TRUE ,
PARAMETRIC_KEYWORD ,Numeric , -1, 0.5,
PARAMETRIC_RUN , "All 5 Measures T3" ,"13" ,"" ,TRUE ,"Tstat-3" ,FALSE ,""
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0,
PARAMETRIC_COMPONENT , "Duct Sealing" ,BDLCOMKEY ,PARAMETER  , 1,

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1, 1,LIST, 1,"Sup&Ret Duct Leakage (pct)",TRUE,
    PARAMETRIC_KEYWORD,Numeric,-1,12,
    PARAMETRIC_COMPONENT,"Reduced Air Infil",BDLCOMKEY,PARAMETER,
1, 1, 1,LIST, 1,"Infiltration ACH",TRUE,
    PARAMETRIC_KEYWORD,Numeric,-1,0.3,
    PARAMETRIC_COMPONENT,"Attic Insul",BDLCOMKEY,PARAMETER,1,
1, 1,LIST, 1,"Clg R-Value",TRUE,
    PARAMETRIC_KEYWORD,Numeric,-1,36,
    PARAMETRIC_COMPONENT,"Reduced Ltg",BDLCOMKEY,PARAMETER,1,
1, 1,LIST, 1,"Ltg W Reduced per Residence",TRUE,
    PARAMETRIC_KEYWORD,Numeric,-1,1260,
    PARAMETRIC_COMPONENT,"DHW Pipe Insul",BDLCOMKEY,PARAMETER,
1, 1, 1,LIST, 1,"DHW Therms Saved",TRUE,
    PARAMETRIC_KEYWORD,Numeric,-1,2.5,
    PARAMETRIC_COMPONENT,"Cooling SEER",BDLCOMKEY,PARAMETER,
1, 1, 1,LIST, 1,"SEER",TRUE,
    PARAMETRIC_KEYWORD,Numeric,-1,18,
    PARAMETRIC_COMPONENT,"Heating AFUE",BDLCOMKEY,PARAMETER,
1, 1, 1,LIST, 1,"AFUE",TRUE,
    PARAMETRIC_KEYWORD,Numeric,-1,90,
    PARAMETRIC_COMPONENT,"DHW EF",BDLCOMKEY,PARAMETER,1,
1, 1,LIST, 1,"DHW EF",TRUE,
    PARAMETRIC_KEYWORD,Numeric,-1,0.67,
    PARAMETRIC_COMPONENT,"Added Wall R-Value",BDLCOMKEY,PARAMETER,
, 1, 1, 1,LIST, 1,"EWall R-Value Add",TRUE,
    PARAMETRIC_KEYWORD,Numeric,-1,5,
    PARAMETRIC_COMPONENT,"Window U-Val & SC = 0.5",BDLCOMKEY,PARAMETER,1,1,1,LIST,2,"Window U-Value","Window SC",TRUE,
    PARAMETRIC_KEYWORD,Numeric,-1,0.5,
    PARAMETRIC_RUN,"All 5 Measures T4","14","","",TRUE,"Tstat-4",FALSE,""
0,
    PARAMETRIC_COMPONENT,"Duct Sealing",BDLCOMKEY,PARAMETER,1,
1, 1,LIST, 1,"Sup&Ret Duct Leakage (pct)",TRUE,
    PARAMETRIC_KEYWORD,Numeric,-1,12,
    PARAMETRIC_COMPONENT,"Reduced Air Infil",BDLCOMKEY,PARAMETER,
1, 1, 1,LIST, 1,"Infiltration ACH",TRUE,
    PARAMETRIC_KEYWORD,Numeric,-1,0.3,
    PARAMETRIC_COMPONENT,"Attic Insul",BDLCOMKEY,PARAMETER,1,
1, 1,LIST, 1,"Clg R-Value",TRUE,
    PARAMETRIC_KEYWORD,Numeric,-1,36,
    PARAMETRIC_COMPONENT,"Reduced Ltg",BDLCOMKEY,PARAMETER,1,
1, 1,LIST, 1,"Ltg W Reduced per Residence",TRUE,
    PARAMETRIC_KEYWORD,Numeric,-1,1260,
    PARAMETRIC_COMPONENT,"DHW Pipe Insul",BDLCOMKEY,PARAMETER,
1, 1, 1,LIST, 1,"DHW Therms Saved",TRUE,
    PARAMETRIC_KEYWORD,Numeric,-1,2.5,
    PARAMETRIC_COMPONENT,"Cooling SEER",BDLCOMKEY,PARAMETER,
1, 1, 1,LIST, 1,"SEER",TRUE,
    PARAMETRIC_KEYWORD,Numeric,-1,18,
    PARAMETRIC_COMPONENT,"Heating AFUE",BDLCOMKEY,PARAMETER,
1, 1, 1,LIST, 1,"AFUE",TRUE,
    PARAMETRIC_KEYWORD,Numeric,-1,90,
    PARAMETRIC_COMPONENT,"DHW EF",BDLCOMKEY,PARAMETER,1,
1, 1,LIST, 1,"DHW EF",TRUE,
    PARAMETRIC_KEYWORD,Numeric,-1,0.67,
    PARAMETRIC_COMPONENT,"Added Wall R-Value",BDLCOMKEY,PARAMETER

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, 1, 1, 1,LIST , 1,"EWall R-Value Add",TRUE ,
    PARAMETRIC_KEYWORD ,Numeric , -1, 5,
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,PARAMETER , 1, 1, 1,LIST , 2,"Window U-Value" ,"Window SC" ,TRUE ,
    PARAMETRIC_KEYWORD ,Numeric , -1, 0.5,
    PARAMETRIC_RUN ,"All 5 Measures T5" ,"15" ,"" ,TRUE ,"Tstat-5" ,FALSE ,"" ,
0,
    PARAMETRIC_COMPONENT ,"Duct Sealing" ,BDLCOMKEY ,PARAMETER , 1,
1, 1,LIST , 1,"Sup&Ret Duct Leakage (pct)" ,TRUE ,
    PARAMETRIC_KEYWORD ,Numeric , -1, 12,
    PARAMETRIC_COMPONENT ,"Reduced Air Infil" ,BDLCOMKEY ,PARAMETER ,
1, 1, 1,LIST , 1,"Infiltration ACH" ,TRUE ,
    PARAMETRIC_KEYWORD ,Numeric , -1, 0.3,
    PARAMETRIC_COMPONENT ,"Attic Insul" ,BDLCOMKEY ,PARAMETER , 1,
1, 1,LIST , 1,"Clg R-Value" ,TRUE ,
    PARAMETRIC_KEYWORD ,Numeric , -1, 36,
    PARAMETRIC_COMPONENT ,"Reduced Ltg" ,BDLCOMKEY ,PARAMETER , 1,
1, 1,LIST , 1,"Ltg W Reduced per Residence" ,TRUE ,
    PARAMETRIC_KEYWORD ,Numeric , -1, 1260,
    PARAMETRIC_COMPONENT ,"DHW Pipe Insul" ,BDLCOMKEY ,PARAMETER ,
1, 1, 1,LIST , 1,"DHW Therms Saved" ,TRUE ,
    PARAMETRIC_KEYWORD ,Numeric , -1, 2.5,
    PARAMETRIC_COMPONENT ,"Cooling SEER" ,BDLCOMKEY ,PARAMETER ,
1, 1, 1,LIST , 1,"SEER" ,TRUE ,
    PARAMETRIC_KEYWORD ,Numeric , -1, 18,
    PARAMETRIC_COMPONENT ,"Heating AFUE" ,BDLCOMKEY ,PARAMETER ,
1, 1, 1,LIST , 1,"AFUE" ,TRUE ,
    PARAMETRIC_KEYWORD ,Numeric , -1, 90,
    PARAMETRIC_COMPONENT ,"DHW EF" ,BDLCOMKEY ,PARAMETER , 1,
1, 1,LIST , 1,"DHW EF" ,TRUE ,
    PARAMETRIC_KEYWORD ,Numeric , -1, 0.67,
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, 1, 1, 1,LIST , 1,"EWall R-Value Add",TRUE ,
    PARAMETRIC_KEYWORD ,Numeric , -1, 5,
    PARAMETRIC_COMPONENT ,"Window U-Val & SC = 0.5" ,BDLCOMKEY
,PARAMETER , 1, 1, 1,LIST , 2,"Window U-Value" ,"Window SC" ,TRUE ,
    PARAMETRIC_KEYWORD ,Numeric , -1, 0.5,
PARAMETRIC_END ,

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