

```
File name . . . . . : ELECDSP
Library name . . . . . : DK433D24
File attribute . . . . . : Display
Source file containing DDS . . . . . : QDDSSRC
Library name . . . . . : DK433D24
Source member containing DDS . . . . . : ELECDSP
Source member last changed . . . . . : 10/08/20 11:01:19
Source listing options . . . . . : *SOURCE *LIST *NOSECLVL *EVENTF
DDS generation severity level . . . . . : 20
DDS flagging severity level . . . . . : 00
Authority . . . . . : *LIBCRTAUT
Replace file . . . . . : *YES
Text . . . . . : LAB 3A
Compiler . . . . . : IBM System i5 Data Description Processor
```

Data Description Source

SEQNBR	*....+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....8	Date
1	A DSPSIZ(24 80 *DS3)	10/08/20
2	A R GETDATA	10/08/20
3	A 2 5USER	10/08/20
4	A 2 23'S E N E C A P O W E R C O R P.'	10/08/20
6	A 2 68DATE	10/08/20
7	A EDTCDE(Y)	10/08/20
8	A 3 4'Tran Ngoc La'	10/08/20
9	A DSPATR(RI)	10/08/20
14	A 8 8'ON Peak kWh:'	10/08/20
20	A 98 8 53'Limit of 500 kWh'	10/08/20
21	A 9 8'Mid Peak kWh:'	10/08/20
30	A 97 9 53'Limit of 720 kWh'	10/08/20
31	A 10 8'Off Peak kWh:'	10/08/20
36	A 95 10 46'On Peak + Mid Peak Limit of 1000'	10/08/20
37	A 95 DSPATR(RI)	10/08/20
38	A ONPEAKA 5Y 20 8 36EDTCDE(1)	10/08/20
39	A MIDPEAKA 5Y 20 9 36EDTCDE(1)	10/08/20
40	A OFFPEAKA 5Y 20 10 36EDTCDE(1)	10/08/20
41	A 4 23'Residential Monthly Electricity Bi-	10/08/20
42	A lls'	10/08/20
43	A 6 36'Charges'	10/08/20
44	A 6 8'Useage Amounts'	10/08/20
45	A ONPEAK 3S 0B 8 26	10/08/20
46	A 98 DSPATR(RI)	10/08/20
47	A 98 DSPATR(PC)	10/08/20
48	A 99 DSPATR(PR)	10/08/20
49	A RANGE(0 999)	10/08/20
50	A MIDPEAK 3S 0B 9 26	10/08/20
51	A RANGE(0 999)	10/08/20
52	A 97 DSPATR(RI)	10/08/20
53	A 97 DSPATR(PC)	10/08/20
54	A 99 DSPATR(PR)	10/08/20
55	A OFFPEAK 3S 0B 10 26	10/08/20
56	A 99 DSPATR(PR)	10/08/20
57	A RANGE(0 999)	10/08/20
58		10/08/20
59	A R SHOWRESULT	10/07/20
60	A CF03(03 'Exit Program')	10/08/20

Data Description Source									
SEQNBR	*...+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....8								Date
61	A	OVERLAY							10/08/20
62	A			11	21	'Delivery: '			10/08/20
63	A	DELIVERY	5	20	11	44	EDTCDE(1)		10/08/20
64	A			12	19	'Regulatory: '			10/08/20
65	A	REGULATORY	3	20	12	46	EDTCDE(1)		10/08/20
66	A			13	4	'Total Electricity Charges: '			10/08/20
67	A	TOTALCHG	5	20	13	44	EDTCDE(1)		10/08/20
68	A			15	15	'Ontario Rebate: '			10/08/20
69	A	REBATE	5	20	15	44	EDTCDE(1)		10/08/20
70	A			14	23	'H.S.T.: '			10/08/20
71	A	HST	5	20	14	44	EDTCDE(1)		10/08/20
72	A			16	13	'Total Amount Due: '			10/08/20
73	A	TOTALDUE	6	20	16	41	EDTCDE(1 \$)		10/08/20
74	A			21	21	'F3 - Exit'			10/08/20
75	A			18	17	'C U S T O M E R G R A D E: '			10/08/20
76	A	CUSTGRADE	1	O	18	49			10/08/20
100	A*%RS+<record-sequences>								10/08/20
101	A*%RS+ <sequence name="Untitled">								10/08/20
102	A*%RS+ <device type="display" width="80" height="24" />								10/08/20
103	A*%RS+ </sequence>								10/08/20
104	A*%RS </record-sequences>								10/08/20
105	A*%RS </record-sequences>								10/07/20
* * * * * E N D O F S O U R C E * * * * *									

Expanded Source									
SEQNBR	*...+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....8	Field length	Buffer Out	position In					
1		DSPSIZ(24 80 *DS3)							
	* Option indicator output buffer positions:								
	* *IN95 0003 *IN97 0002 *IN98 0001 *IN99 0004								
2		R GETDATA							
3		2 5USER			10				
4		2 23'S E N E C A P O W E R C O R P.-			34				
4		,							
6		2 68DATE EDTCDE(Y)			8				
8		3 4'Tran Ngoc La' DSPATR(RI)			12				
14		8 8'ON Peak kWh:'			12				
20	98	8 53'Limit of 500 kWh'			16				
21		9 8'Mid Peak kWh:'			13				
30	97	9 53'Limit of 720 kWh'			16				
31		10 8'Off Peak kWh:'			13				
36	95	10 46'On Peak + Mid Peak Limit of 1000'			32				
37	95	DSPATR(RI)							
38		ONPEAKA 5Y 20 8 36EDTCDE(1)			5		5		
39		MIDPEAKA 5Y 20 9 36EDTCDE(1)			5		10		
40		OFFPEAKA 5Y 20 10 36EDTCDE(1)			5		15		
41		4 23'Residential Monthly Electricity Bi-			37				
41		lls'							
43		6 36'Charges'			7				
44		6 8'Useage Amounts'			14				
45		ONPEAK 3S 0B 8 26			3		20	1	
46	98	DSPATR(RI)							
47	98	DSPATR(PC)							
48	99	DSPATR(PR)							
49		RANGE(0 999)							
50		MIDPEAK 3S 0B 9 26RANGE(0 999)			3		23	4	
52	97	DSPATR(RI)							
53	97	DSPATR(PC)							
54	99	DSPATR(PR)							
55		OFFPEAK 3S 0B 10 26			3		26	7	
56	99	DSPATR(PR)							
57		RANGE(0 999)							
	* Response indicator input buffer positions:								
	* *IN03 0001								
59		R SHOWRESULT			CF03(03 'Exit Program') OVERLAY				
62		11 21'Delivery:'			9				
63		DELIVERY 5Y 20 11 44EDTCDE(1)			5		1		
64		12 19'Regulatory:'			11				
65		REGULATORY 3Y 20 12 46EDTCDE(1)			3		6		
66		13 4'Total Electricity Charges:'			26				
67		TOTALCHG 5Y 20 13 44EDTCDE(1)			5		9		
68		15 15'Ontario Rebate:'			15				
69		REBATE 5Y 20 15 44EDTCDE(1)			5		14		
70		14 23'H.S.T.:'			7				
71		HST 5Y 20 14 44EDTCDE(1)			5		19		
72		16 13'Total Amount Due:'			17				
73		TOTALDUE 6Y 20 16 41EDTCDE(1 \$)			6		24		
74		21 21'F3 - Exit'			9				
75		18 17'C U S T O M E R G R A D E: '			29				
76		CUSTGRADE 1A O 18 49			1		30		

Expanded Source											
SEQNBR	*...+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....8								Field length	Buffer Out	position In
* * * * * E N D O F E X P A N D E D S O U R C E * * * * *											

Message Summary

Total	Informational (0-9)	Warning (10-19)	Error (20-29)	Severe (30-99)
0	0	0	0	0

* CPC7301 00 Message : File ELECDSP created in library DK433D24.
* * * * * E N D O F C O M P I L A T I O N * * * * *

```
Command . . . . . : CRTBNDRPG
  Issued by . . . . . : DK433D24
Program . . . . . : ELECBILL
  Library . . . . . : DK433D24
Text 'description' . . . . . : *SRCMBRTXT

Source Member . . . . . : ELECBILL
Source File . . . . . : QRPGLSRC
  Library . . . . . : DK433D24
  CCSID . . . . . : 37
Text 'description' . . . . . :
Last Change . . . . . : 10/08/20 02:55:56

Generation severity level . . . : 10
Default activation group . . . . : *YES
Compiler options . . . . . :
    *XREF          *GEN          *NOSECLVL  *SHOWCPY
    *EXPDDS        *EXT          *NOSHOWSKP *NOSRCSTMT
    *DEBUGIO       *UNREF        *EVENTF

Debugging views . . . . . : *SOURCE
Debug encryption key . . . . . : *NONE
Output . . . . . : *PRINT
Optimization level . . . . . : *NONE
Source listing indentation . . . : *NONE
Type conversion options . . . . . : *NONE
Sort sequence . . . . . : *HEX
Language identifier . . . . . : *JOB RUN
Replace program . . . . . : *YES
User profile . . . . . : *USER
Authority . . . . . : *LIBCRTAUT
Truncate numeric . . . . . : *YES
Fix numeric . . . . . : *NONE
Target release . . . . . : *CURRENT
Allow null values . . . . . : *NO
Define condition names . . . . . : *NONE
Enable performance collection . : *PEP
Profiling data . . . . . : *NOCOL
Licensed Internal Code options . :
Generate program interface . . . : *NO
Include directory . . . . . :
Preprocessor options . . . . . : *NONE
```

```

1  DCL-F ELECDSP WORKSTN;
*-----*
*          RPG name          External name          *
* File name. . . . . : ELECDSP          DK433D24/ELECDSP          *
* Record format(s) . . . . : GETDATA          GETDATA          *
*          SHOWRESULT          SHOWRESULT          *
*-----*

```

2	201008	000102
---	--------	--------

3=IGETDATA	1000001
-----	1
* RPG record format : GETDATA	1
* External format : GETDATA : DK433D24/ELECDSP	1
-----	1

4=I	S	1	3	00NPEAK	1000002
5=I	S	4	6	0MIDPEAK	1000003
6=I	S	7	9	0OFFPEAK	1000004

7=	ISHOWRESULT	2000001
*	-----*	2
*	RPG record format : SHOWRESULT	2
*	External format : SHOWRESULT : DK433D24/ELECDSP	2
*	-----*	2

```

8=I      N      1      1      *IN03      Exit Program      2000002

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9	EXFMT GETDATA;		201008	000103
10	DOU *IN03;	B01	201008	000104
11	IF ONPEAK > 500;	B02	201008	000105
12	*in98 = *on;	02	201008	000106
13	EXFMT GETDATA;	02	201008	000107
14	*in98 = *off;	02	201008	000108
15	Iter;	02	201008	000109
16	ELSEIF MIDPEAK > 700;	X02	201008	000110
17	*in97 = *on;	02	201008	000111
18	EXFMT GETDATA;	02	201008	000112
19	*in97 = *off;	02	201008	000113
20	Iter;	02	201008	000114
21	ELSEIF ONPEAK + MIDPEAK >1000;	X02	201008	000115
22	*in95 = *on;	02	201008	000116
23	EXFMT GETDATA;	02	201008	000117
24	*in95 = *off;	02	201008	000118
25	Iter;	02	201008	000119
26	ELSE;	X02	201008	000120
27	EXSR CalculateBill;	02	201008	000121
28	ENDIF;	E02	201008	000122
29			201008	000123
30	*in99 = *on;	01	201008	000124
31	Write GETDATA;	01	201008	000125
32	EXFMT SHOWRESULT;	01	201008	000126
33	*in99 = *off;	01	201008	000127

Line Number	<----- Source Specifications -----><----- Comments ----->	Do Num	Page Line	Change Date	Src Id	Seq Number
34				201008		000128
35	IF *in03 = *off;	B02		201008		000129
36	EXSR Clear;	02		201008		000130
37	EXFMT GETDATA;	02		201008		000131
38	ENDIF;	E02		201008		000132
39	ENDDO;	E01		201008		000133
40				201008		000134
41	*InLr = *on;			201008		000135
42	return;			201008		000136
43				201008		000137
44	BEGSR CalculateBill;			201008		000138
45	ONPEAKA = 16.55;			201008		000139
46	MIDPEAKA = 15.55;			201008		000140
47	OFFPEAKA = 14.55;			201008		000141
48	TOTALDUE = 999.99;			201008		000142
49	ENDSR;			201008		000143
50				201008		000144
51	BEGSR CLEAR;			201008		000145
52	CLEAR ONPEAK;			201008		000146
53	MIDPEAK = 0;			201008		000147
54	ENDSR;			201008		000148
55				201008		000149
56=O	GETDATA					3000001
	-----					3
	* RPG record format : GETDATA					3
	* External format : GETDATA : DK433D24/ELECDSP					3
	-----					3
57=O	*IN953N CHAR1					3000002
58=O	*IN972N CHAR1					3000003
59=O	*IN981N CHAR1					3000004
60=O	*IN994N CHAR1					3000005
61=O	ONPEAKA9S ZONE5,2					3000006
62=O	MIDPEAKA14S ZONE5,2					3000007
63=O	OFFPEAKA19S ZONE5,2					3000008
64=O	ONPEAK22S ZONE3,0					3000009
65=O	MIDPEAK25S ZONE3,0					3000010
66=O	OFFPEAK28S ZONE3,0					3000011
67=O	SHOWRESULT					4000001
	-----					4
	* RPG record format : SHOWRESULT					4
	* External format : SHOWRESULT : DK433D24/ELECDSP					4
	-----					4
68=O	DELIVERY5S ZONE5,2					4000002
69=O	REGULATORY8S ZONE3,2					4000003
70=O	TOTALCHG13S ZONE5,2					4000004
71=O	REBATE18S ZONE5,2					4000005
72=O	HST23S ZONE5,2					4000006
73=O	TOTALDUE29S ZONE6,2					4000007
74=O	CUSTGRADE30A CHAR1					4000008
	* * * * * E N D O F S O U R C E * * * * *					

A d d i t i o n a l D i a g n o s t i c M e s s a g e s

Msg id Sv Number Seq Message text

* * * * * E N D O F A D D I T I O N A L D I A G N O S T I C M E S S A G E S * * * * *

O u t p u t B u f f e r P o s i t i o n s

Line Start End Field or Constant

Number	Pos	Pos	
57	3	3	*IN95
58	2	2	*IN97
59	1	1	*IN98
60	4	4	*IN99
61	5	9	ONPEAKA
62	10	14	MIDPEAKA
63	15	19	OFFPEAKA
64	20	22	ONPEAK
65	23	25	MIDPEAK
66	26	28	OFFPEAK
68	1	5	DELIVERY
69	6	8	REGULATORY
70	9	13	TOTALCHG
71	14	18	REBATE
72	19	23	HST
73	24	29	TOTALDUE
74	30	30	CUSTGRADE

* * * * * E N D O F O U T P U T B U F F E R P O S I T I O N * * * * *

Cross Reference

File and Record References:

File	Device	References (D=Defined)			
Record					
ELECDSP	WORKSTN	1D			
GETDATA		1D	3	9	13
		18	23	31	37
		56			
SHOWRESULT		1D	7	32	67

Global Field References:

Field	Attributes	References (D=Defined M=Modified)			
*INLR	N(1)	41M			
*IN03	N(1)	8D	10	35	
*IN95	N(1)	22M	24M	57	
*IN97	N(1)	17M	19M	58	
*IN98	N(1)	12M	14M	59	
*IN99	N(1)	30M	33M	60	
CALCULATEBILL	BEGSR	27	44D		
CLEAR	BEGSR	36	51D		
CUSTGRADE	A(1)	74			
DELIVERY	P(5,2)	68			
HST	P(5,2)	72			
MIDPEAK	P(3,0)	5M	16	21	53M
		65			
MIDPEAKA	P(5,2)	46M	62		
OFFPEAK	P(3,0)	6M	66		
OFFPEAKA	P(5,2)	47M	63		
ONPEAK	P(3,0)	4M	11	21	52M
		64			
ONPEAKA	P(5,2)	45M	61		
REBATE	P(5,2)	71			
REGULATORY	P(3,2)	69			
TOTALCHG	P(5,2)	70			
TOTALDUE	P(6,2)	48M	73		

Indicator References:

Indicator	References (D=Defined M=Modified)			
03	8M	10	35	
95	22M	24M	57	
97	17M	19M	58	
98	12M	14M	59	
99	30M	33M	60	
LR	41M			

* * * * * E N D O F C R O S S R E F E R E N C E * * * * *

M e s s a g e S u m m a r y

Msg id Sv Number Message text

* * * * * E N D O F M E S S A G E S U M M A R Y * * * * *

F i n a l S u m m a r y

Message Totals:

Information	(00)	.	.	.	.	.	.	:	0
Warning	(10)	.	.	.	.	.	.	:	0
Error	(20)	.	.	.	.	.	.	:	0
Severe Error	(30+)	.	.	.	.	.	.	:	0
-----									-----
Total	.	.	.	.	.	.	.	:	0

Source Totals:

Records	.	.	.	.	.	.	.	:	74
Specifications	.	.	.	.	.	.	.	:	67
Data records	.	.	.	.	.	.	.	:	0
Comments	.	.	.	.	.	.	.	:	0

* * * * * E N D O F F I N A L S U M M A R Y * * * * *
Program ELECBILL placed in library DK433D24. 00 highest severity. Created on 10/08/20 at 11:01:48.
* * * * * E N D O F C O M P I L A T I O N * * * * *