Exh. ASR-12
Docket UE-220376
Witness: Andrew Rector

BEFORE THE WASHINGTON
UTILITIES AND TRANSPORTATION COMMISSION

WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION, **Complainant,** **v.** **PACIFICORP, d/b/a PACIFIC POWER & LIGHT COMPANY,** **Respondent.**	**DOCKET UE-220376**

EXHIBIT TO
TESTIMONY OF

ANDREW RECTOR

STAFF OF
WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION

Attachment 7-1 to PacifiCorp's Response to UTC Staff Data Request No. 7

October 21, 2022

Exhibit ASR-12: PacifiCorp Attachment to Response to Staff Data Request #7

System Portfolio Resources

Resources Included in P02-SCGHG	Resources Included in P02-MM-CETA
BIO.QF.NCA._.SML.Roseburg - Weed	BIO.QF.NCA._.SML.Roseburg - Weed
BIO.QF.PNC._.SML.Finley Bio	BIO.QF.PNC._.SML.Finley Bio
BIO.QF.SOR._.___.BioOne	BIO.QF.SOR._.___.BioOne
BIO.QF.SOR._.SML.Roseburg LFG	BIO.QF.SOR._.SML.Roseburg LFG
CL_.Ex.BDG._._24.JimBridger 1 GC	CL_.Ex.BDG._.___.JimBridger 3
CL_.Ex.BDG._._24.JimBridger 2 GC	CL_.Ex.BDG._.___.JimBridger 4
CL_.Ex.COL._.___.Craig 1	CL_.Ex.BDG._._24.JimBridger 1 GC
CL_.Ex.COL._.___.Craig 2	CL_.Ex.BDG._._24.JimBridger 2 GC
CL_.Ex.COL._.___.Hayden 1	CL_.Ex.COL._.___.Craig 1
CL_.Ex.COL._.___.Hayden 2	CL_.Ex.COL._.___.Craig 2
CL_.Ex.MTA._.___.Colstrip 3	CL_.Ex.COL._.___.Hayden 1
CL_.Ex.MTA._.___.Colstrip 4	CL_.Ex.COL._.___.Hayden 2
CL_.Ex.UTN._._25.Naughton 1	CL_.Ex.MTA._.___.Colstrip 3
CL_.Ex.UTN._._25.Naughton 2	CL_.Ex.MTA._.___.Colstrip 4
CL_.Ex.UTS._.___.Huntington 1	CL_.Ex.UTN._._25.Naughton 1
CL_.Ex.UTS._.___.Huntington 2	CL_.Ex.UTN._._25.Naughton 2
CL_.Ex.WYE._.___.DaveJohnston 1	CL_.Ex.UTS._.___.Hunter 1
CL_.Ex.WYE._.___.DaveJohnston 2	CL_.Ex.UTS._.___.Hunter 2
CL_.Ex.WYE._.___.DaveJohnston 3	CL_.Ex.UTS._.___.Hunter 3
CL_.Ex.WYE._.___.DaveJohnston 4	CL_.Ex.UTS._.___.Huntington 1
GCC.Ex.CHE._.___.Chehalis	CL_.Ex.UTS._.___.Huntington 2
GCC.Ex.CLV._.___.Currant Creek	CL_.Ex.WYE._.___.DaveJohnston 1
GCC.EX.HRM._.___.Hermiston	CL_.Ex.WYE._.___.DaveJohnston 2
GCC.EX.UTN._.___.Lakeside 1	CL_.Ex.WYE._.___.DaveJohnston 3
GCC.EX.UTN._.___.Lakeside 2	CL_.Ex.WYE._.___.DaveJohnston 4
GCV.PL.UTN._.___.Naughton 3	CL_.Ex.WYE._.___.Wyodak
GEO.EX.UTS._.___.Blundell	GCC.Ex.CHE._.___.Chehalis
GEO.QF.GOE._.SML.BYU-Idaho	GCC.Ex.CLV._.___.Currant Creek
GEO.QF.SOR._.SML.OIT	GCC.EX.HRM._.___.Hermiston
GSC.EX.UTN._.___.Gadsby 1	GCC.EX.UTN._.___.Lakeside 1
GSC.EX.UTN._.___.Gadsby 2	GCC.EX.UTN._.___.Lakeside 2
GSC.EX.UTN._.___.Gadsby 3	GCV.PL.UTN._.___.Naughton 3
GSC.EX.UTN._.___.Gadsby 4	GEO.EX.UTS._.___.Blundell
GSC.EX.UTN._.___.Gadsby 5	GEO.QF.GOE._.SML.BYU-Idaho
GSC.EX.UTN._.___.Gadsby 6	GEO.QF.SOR._.SML.OIT
HY_.EX.COR._.SMW.Bend	GSC.EX.UTN._.___.Gadsby 1
HY_.EX.MTA._.SME.Bigfork	GSC.EX.UTN._.___.Gadsby 2
HY_.EX.PNC._.LEW.Swift 1	GSC.EX.UTN._.___.Gadsby 3
HY_.EX.PNC._.LEW.Swift 2	GSC.EX.UTN._.___.Gadsby 4
HY_.EX.PNC._.LEW.Yale	GSC.EX.UTN._.___.Gadsby 5
HY_.EX.PNC._.LEW_.Merwin	GSC.EX.UTN._.___.Gadsby 6
HY_.EX.SOR._.KLM.Copco 1	HY_.EX.COR._.SMW.Bend
HY_.EX.SOR._.KLM.Copco 2	HY_.EX.MTA._.SME.Bigfork
HY_.EX.SOR._.KLM.Iron Gate	HY_.EX.PNC._.LEW.Swift 1
HY_.EX.SOR._.KLM.JC Boyle	HY_.EX.PNC._.LEW.Swift 2
HY_.EX.SOR._.NUR.Clear Water 1	HY_.EX.PNC._.LEW.Yale
HY_.EX.SOR._.NUR.Clear Water 2	HY_.EX.PNC._.LEW_.Merwin
HY_.EX.SOR._.NUR.Fish Creek	HY_.EX.SOR._.KLM.Copco 1
HY_.EX.SOR._.NUR.Lemolo 1	HY_.EX.SOR._.KLM.Copco 2
HY_.EX.SOR._.NUR.Lemolo 2	HY_.EX.SOR._.KLM.Iron Gate
HY_.EX.SOR._.NUR.Slide Creek	HY_.EX.SOR._.KLM.JC Boyle
HY_.EX.SOR._.NUR.Soda Springs	HY_.EX.SOR._.NUR.Clear Water 1
HY_.EX.SOR._.NUR.Toketee	HY_.EX.SOR._.NUR.Clear Water 2
HY_.EX.SOR._.ROG.Eagle Point	HY_.EX.SOR._.NUR.Fish Creek
HY_.EX.SOR._.ROG.Prospect 1	HY_.EX.SOR._.NUR.Lemolo 1
HY_.EX.SOR._.ROG.Prospect 2	HY_.EX.SOR._.NUR.Lemolo 2
HY_.EX.SOR._.ROG.Prospect 3	HY_.EX.SOR._.NUR.Slide Creek
HY_.EX.SOR._.ROG.Prospect 4	HY_.EX.SOR._.NUR.Soda Springs
HY_.EX.UID._.SME.Ashton	HY_.EX.SOR._.NUR.Toketee
HY_.EX.UTN._.BER.Cutler	HY_.EX.SOR._.ROG.Eagle Point
HY_.EX.UTN._.BER.Grace	HY_.EX.SOR._.ROG.Prospect 1
HY_.EX.UTN._.BER.Lifton	HY_.EX.SOR._.ROG.Prospect 2

HY_.EX.UTN._.BER.Oneida
HY_.EX.UTN._.BER.Soda
HY_.EX.UTS._.SME.PCMN
HY_.EX.UTS._.SME.PCMS
HY_.EX.WMV._.SMW.Fall Creek
HY_.EX.WOR._.SMW.Wallowa Falls
HY_.PC.GOE._.___.Gem State
HY_.PC.MDC._.___.Mid Columbia - Priest Rapids
HY_.QF.COR._.SML.Central Oregon Irrigation
HY_.QF.COR._.SML.Dorena
HY_.QF.COR._.SML.EBD
HY_.QF.COR._.SML.Juniper Ridge
HY_.QF.COR._.SML.Monroe
HY_.QF.COR._.SML.Swalley
HY_.QF.COR._.SML.Three Sister
HY_.QF.GOE._.SML.BellM Jake Army
HY_.QF.GOE._.SML.BellM Sorenson
HY_.QF.GOE._.SML.CDM
HY_.QF.GOE._.SML.Dry Creek
HY_.QF.GOE._.SML.Ingram Warm Springs
HY_.QF.GOE._.SML.Nicholson Sunnybar
HY_.QF.GOE._.SML.OJ Power
HY_.QF.GOE._.SML.St. Anthony
HY_.QF.NCA._.SML.Bogus Creek
HY_.QF.NCA._.SML.SLATE CREEK
HY_.QF.PNC._.SML.Astoria
HY_.QF.PNC._.SML.Farmers Irrigation
HY_.QF.PNC._.SML.Middlefork Irrigation
HY_.QF.PNC._.SML.Portland Water Bureau
HY_.QF.SOR._.SML.C-Drop
HY_.QF.SOR._.SML.Eagle Point
HY_.QF.SOR._.SML.Galesville Dam
HY_.QF.SOR._.SML.Mountain Energy
HY_.QF.SOR._.SML.NORTH FORK SPRAGUE
HY_.QF.UTN._.SML.Consolidated Irrigation
HY_.QF.UTN._.SML.Draper Irrigation
HY_.QF.UTN._.SML.Georgetown Power
HY_.QF.UTN._.SML.Marsh Valley
HY_.QF.UTN._.SML.Mink Creek
HY_.QF.UTN._.SML.Preston
HY_.QF.UTS._.SML.Cottonwood Lower
HY_.QF.UTS._.SML.Cottonwood Upper
HY_.QF.UTS._.SML.Thayn Ranch
HY_.QF.WMV._.SML.City of Albany
HY_.QF.WMV._.SML.Lacomb Irrigation
HY_.QF.WYN._.SML.City of Buffalo
HYS.PX.YAK._._PS.BM
INT.EX.UTN._.___.MagCorp Interruptible
INT.EX.UTN._.___.Monsanto Curtailment
INT.EX.UTN._.___.Nucor Interruptible
INT.EX.UTN._.RES.Monsanto Operating Reserve
LTC.PC.4CR._.___.APS, In 4 Corners
LTC.PC.MNA._.___.Deseret
LTC.PC.SOR._.___.PGE Cove
LTC.SL.BDG._.___.BlackHills to Jim Bridger
LTC.SL.MDC._.___.BlackHills to MidC
LTC.SL.PNC._.___.Cowlitz
LTC.SL.SOR._.___.Foote Creek I - BPA
LTC.SL.SOR._.___.Foote Creek I - EWEB
LTC.SL.UTS._.___.BlackHills to Utah South
LTC.SL.WYE._.___.BlackHills Loss
LTC.SL.WYE._.___.BlackHills to Wyoming NE
NOR.EX.GOE._.RES.
NOR.EX.GOE._.RES.Offset
NOR.EX.SOR._.RES.
NOR.EX.SOR._.RES.Offset
NOR.EX.UTS._.RES.
NOR.EX.UTS._.RES.Offset

HY_.EX.SOR._.ROG.Prospect 3
HY_.EX.SOR._.ROG.Prospect 4
HY_.EX.UID._.SME.Ashton
HY_.EX.UTN._.BER.Cutler
HY_.EX.UTN._.BER.Grace
HY_.EX.UTN._.BER.Lifton
HY_.EX.UTN._.BER.Oneida
HY_.EX.UTN._.BER.Soda
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LTC.SL.UTS._.___.BlackHills to Utah South
LTC.SL.WYE._.___.BlackHills Loss
LTC.SL.WYE._.___.BlackHills to Wyoming NE

NOR.EX.WWA._.RES.
NOR.EX.WWA._.RES.Offset
NUC.PX.BDG._.___.Sm Adv Bridger
NUC.PX.UTN._.___.Sm Adv Naughton
PV_.EX.COR.H.FB_.Prineville
PV_.EX.UTN._.UU.Castle Solar
PV_.EX.UTS._.UVU.Elektron Solar 20Yr
PV_.EX.UTS._.UVU.Elektron Solar 25Yr
PV_.EX.UTS.H.___.Pavant III LLC
PV_.EX.UTS.H.FB_.Cove Mountain
PV_.EX.UTS.H.FB_.Hunter
PV_.EX.UTS.H.FB_.Milford
PV_.EX.UTS.H.FB_.Sigurd
PV_.PC.SOR.H.___.Black Cap
PV_.PC.SOR.H.___.Old Mill
PV_.PC.SOR.H.___.Oregon Solar Incentive Project
PV_.PC.SOR.H.___.Skyol
PV_.PC.UTN._.FB_.Appaloosa Solar IA
PV_.PC.UTN._.FB_.Appaloosa Solar IB
PV_.PC.UTN.H.___.Graphite
PV_.PC.UTN.H.___.HorseShoe
PV_.PC.UTN.H.___.Rocket
PV_.PC.UTS.H.___.Cove Mtn II
PV_.PX.UTS._.RFP.Glen Canyon Solar-805a_P
PV_.QF.COR._.___.Tumbleweed
PV_.QF.PNC._.___.Adams
PV_.QF.PNC._.___.Elbe
PV_.QF.SOR._.___.BearCreek
PV_.QF.SOR._.___.Black Cap II
PV_.QF.SOR._.___.Bly
PV_.QF.SOR._.___.Captain Jack
PV_.QF.SOR._.___.Ivory
PV_.QF.SOR._.___.Merrill
PV_.QF.SOR._.___.NW2_Neff
PV_.QF.SOR._.___.NW4_Bonanza
PV_.QF.SOR._.___.NW7_EaglePoint
PV_.QF.SOR._.___.NW9_Pendleton
PV_.QF.SOR._.___.OR1_SpragRiver
PV_.QF.SOR._.___.OR2_AgateBay
PV_.QF.SOR._.___.OR3_TurkeyHill
PV_.QF.SOR._.___.OR5_Merril
PV_.QF.SOR._.___.OR6_Lakeview
PV_.QF.SOR._.___.OR7_Jacksonville
PV_.QF.SOR._.___.OR8_Dairy
PV_.QF.SOR._.___.OSLHCollier
PV_.QF.TRO.H.___.Sage I
PV_.QF.TRO.H.___.Sage II
PV_.QF.TRO.H.___.Sage III
PV_.QF.TRO.H.___.Sweetwater
PV_.QF.UTS._.___.Beryl
PV_.QF.UTS._.___.Buckhorn
PV_.QF.UTS._.___.CedarValley
PV_.QF.UTS._.___.Chiloquin
PV_.QF.UTS._.___.Ewauna
PV_.QF.UTS._.___.EwaunaII
PV_.QF.UTS._.___.GranitePeak
PV_.QF.UTS._.___.Greenville
PV_.QF.UTS._.___.Laho
PV_.QF.UTS._.___.Milford2
PV_.QF.UTS._.___.MilfordFlat
PV_.QF.UTS._.___.QuichapaI
PV_.QF.UTS._.___.QuichapaII
PV_.QF.UTS._.___.QuichapaIII
PV_.QF.UTS._.___.SouthMilford
PV_.QF.UTS._.___.SunE1
PV_.QF.UTS._.___.SunE2
PV_.QF.UTS._.___.SunE3
PV_.QF.UTS._.___.Woodline

NOR.EX.GOE._.RES.
NOR.EX.GOE._.RES.Offset
NOR.EX.SOR._.RES.
NOR.EX.SOR._.RES.Offset
NOR.EX.UTS._.RES.
NOR.EX.UTS._.RES.Offset
NOR.EX.WWA._.RES.
NOR.EX.WWA._.RES.Offset
NUC.PX.BDG._.___.Sm Adv Bridger
NUC.PX.UTN._.___.Sm Adv Naughton
PV_.EX.COR.H.FB_.Prineville
PV_.EX.UTN._.UU.Castle Solar
PV_.EX.UTS._.UVU.Elektron Solar 20Yr
PV_.EX.UTS._.UVU.Elektron Solar 25Yr
PV_.EX.UTS.H.___.Pavant III LLC
PV_.EX.UTS.H.FB_.Cove Mountain
PV_.EX.UTS.H.FB_.Hunter
PV_.EX.UTS.H.FB_.Milford
PV_.EX.UTS.H.FB_.Sigurd
PV_.PC.SOR.H.___.Black Cap
PV_.PC.SOR.H.___.Old Mill
PV_.PC.SOR.H.___.Oregon Solar Incentive Project
PV_.PC.SOR.H.___.Skyol
PV_.PC.UTN._.FB_.Appaloosa Solar IA
PV_.PC.UTN._.FB_.Appaloosa Solar IB
PV_.PC.UTN.H.___.Graphite
PV_.PC.UTN.H.___.HorseShoe
PV_.PC.UTN.H.___.Rocket
PV_.PC.UTS.H.___.Cove Mtn II
PV_.PX.UTS._.RFP.Glen Canyon Solar-805a_P
PV_.QF.COR._.___.Tumbleweed
PV_.QF.PNC._.___.Adams
PV_.QF.PNC._.___.Elbe
PV_.QF.SOR._.___.BearCreek
PV_.QF.SOR._.___.Black Cap II
PV_.QF.SOR._.___.Bly
PV_.QF.SOR._.___.Captain Jack
PV_.QF.SOR._.___.Ivory
PV_.QF.SOR._.___.Merrill
PV_.QF.SOR._.___.NW2_Neff
PV_.QF.SOR._.___.NW4_Bonanza
PV_.QF.SOR._.___.NW7_EaglePoint
PV_.QF.SOR._.___.NW9_Pendleton
PV_.QF.SOR._.___.OR1_SpragRiver
PV_.QF.SOR._.___.OR2_AgateBay
PV_.QF.SOR._.___.OR3_TurkeyHill
PV_.QF.SOR._.___.OR5_Merril
PV_.QF.SOR._.___.OR6_Lakeview
PV_.QF.SOR._.___.OR7_Jacksonville
PV_.QF.SOR._.___.OR8_Dairy
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PV_.QF.UTS._.___.CedarValley
PV_.QF.UTS._.___.Chiloquin
PV_.QF.UTS._.___.Ewauna
PV_.QF.UTS._.___.EwaunaII
PV_.QF.UTS._.___.GranitePeak
PV_.QF.UTS._.___.Greenville
PV_.QF.UTS._.___.Laho
PV_.QF.UTS._.___.Milford2
PV_.QF.UTS._.___.MilfordFlat
PV_.QF.UTS._.___.QuichapaI
PV_.QF.UTS._.___.QuichapaII

PV_.QF.UTS.H.___.Enterprise
PV_.QF.UTS.H.___.Escalante I
PV_.QF.UTS.H.___.Escalante II
PV_.QF.UTS.H.___.Escalante III
PV_.QF.UTS.H.___.Granite Mountain - East
PV_.QF.UTS.H.___.Granite Mountain - West
PV_.QF.UTS.H.___.Iron Springs
PV_.QF.UTS.H.___.Pavant
PV_.QF.UTS.H.___.Pavant II LLC
PV_.QF.UTS.H.___.Red Hill
PV_.QF.UTS.H.___.Three Peaks
PVS.PX.BOR._.002.PV
PVS.PX.COR._.___.PV
PVS.PX.SOR._.___.PV
PVS.PX.SOR._.RFP.Hamaker-905__P
PVS.PX.SOR._.RFP.Hayden 2-906__P
PVS.PX.SOR.C.___.PV 2028
PVS.PX.UTN._.___.PV
PVS.PX.UTN._.RFP.Rocket Solar-862d_P
PVS.PX.UTS._.___.PV
PVS.PX.UTS._.RFP.Fremont Solar-634b_P
PVS.PX.UTS._.RFP.Green River-787c_P
PVS.PX.UTS._.RFP.HORNSHADOW SOLAR I-777a_P
PVS.PX.UTS._.RFP.HORNSHADOW SOLAR II-778f_P
PVS.PX.UTS._.RFP.Parowan Solar-642__P
PVS.PX.UTS._.RFP.Rush Lake Solar-636b_P
PVS.PX.YAK._.___.PV
THM.QF.GOE._.SML.Cargill
THM.QF.PNC._.SML.Farm Misty Meadows
THM.QF.SOR._.SML.Oregon Environmental
THM.QF.TRO._.SML.Tata Chemical
THM.QF.UTN._.___.Tesoro
THM.QF.UTS._.___.Sunnyside Additional
THM.QF.UTS._.___.Sunnyside Base
THM.QF.UTS._.SML.Hill AFB
THM.QF.UTS._.SML.Weber County
THM.QF.WMV._.SML.RES Ag-Oak Lea BG
THM.QF.WMV._.SML.Stahlbush
THM.QF.WWA._.SML.TMF BioF
WD_.EX.WWA.H.REP.Marengo I
WD_.EX.WWA.H.REP.Marengo II
WD_.EX.WWA.H.RES.Seattle City & Light
WD_.EX.WYE.H.___.Cedar Creek 2
WD_.EX.WYE.H.___.Cedar Springs III
WD_.EX.WYE.H.___.Ekola Flats 1
WD_.EX.WYE.H.___.TB Flats 3
WD_.EX.WYE.H.REP.Dunlap 1
WD_.EX.WYE.H.REP.Foote Creek I
WD_.EX.WYE.H.REP.Glenrock I
WD_.EX.WYE.H.REP.Glenrock III
WD_.EX.WYE.H.REP.High Plains
WD_.EX.WYE.H.REP.McFadden Ridge 1
WD_.EX.WYE.H.REP.Rolling Hills
WD_.EX.WYE.H.REP.Seven Mile Hill
WD_.EX.WYE.H.REP.Seven Mile Hill II
WD_.EX.WYN.H.___.Pryor Mountain
WD_.EX.Yak.H.REP.Goodnoe Hills East
WD_.EX.Yak.H.REP.Leaning Juniper
WD_.PC.GOE.H.___.Wolverine Creek
WD_.PC.WWA.H.___.Combine Hills
WD_.PC.WWA.H.___.Seattle City & Light
WD_.PC.WYE.H.___.Three Buttes Power (Duke)
WD_.PC.WYE.H.___.Top of the World
WD_.PX.GOE._.RFP.Cedar Creek-255__P
WD_.PX.PNC._.___.WD
WD_.PX.PNC._.006.WD
WD_.PX.WMV._.006.WD
WD_.PX.WYE._.___.Djohns.WD

PV_.QF.UTS._.___.QuichapaIII
PV_.QF.UTS._.___.SouthMilford
PV_.QF.UTS._.___.SunE1
PV_.QF.UTS._.___.SunE2
PV_.QF.UTS._.___.SunE3
PV_.QF.UTS._.___.Woodline
PV_.QF.UTS.H.___.Enterprise
PV_.QF.UTS.H.___.Escalante I
PV_.QF.UTS.H.___.Escalante II
PV_.QF.UTS.H.___.Escalante III
PV_.QF.UTS.H.___.Granite Mountain - East
PV_.QF.UTS.H.___.Granite Mountain - West
PV_.QF.UTS.H.___.Iron Springs
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PVS.PX.BOR._.002.PV
PVS.PX.COR._.___.PV
PVS.PX.SOR._.___.PV
PVS.PX.SOR._.RFP.Hamaker-905__P
PVS.PX.SOR._.RFP.Hayden 2-906__P
PVS.PX.SOR.C.___.PV 2028
PVS.PX.UTN._.___.PV
PVS.PX.UTN._.RFP.Rocket Solar-862d_P
PVS.PX.UTS._.___.Hunter.PV
PVS.PX.UTS._.___.PV
PVS.PX.UTS._.RFP.Fremont Solar-634b_P
PVS.PX.UTS._.RFP.Green River-787c_P
PVS.PX.UTS._.RFP.HORNSHADOW SOLAR I-777a_P
PVS.PX.UTS._.RFP.HORNSHADOW SOLAR II-778f_P
PVS.PX.UTS._.RFP.Parowan Solar-642__P
PVS.PX.UTS._.RFP.Rush Lake Solar-636b_P
PVS.PX.YAK._.___.PV
THM.QF.GOE._.SML.Cargill
THM.QF.PNC._.SML.Farm Misty Meadows
THM.QF.SOR._.SML.Oregon Environmental
THM.QF.TRO._.SML.Tata Chemical
THM.QF.UTN._.___.Tesoro
THM.QF.UTS._.___.Sunnyside Additional
THM.QF.UTS._.___.Sunnyside Base
THM.QF.UTS._.SML.Hill AFB
THM.QF.UTS._.SML.Weber County
THM.QF.WMV._.SML.RES Ag-Oak Lea BG
THM.QF.WMV._.SML.Stahlbush
THM.QF.WWA._.SML.TMF BioF
WD_.EX.WWA.H.REP.Marengo I
WD_.EX.WWA.H.REP.Marengo II
WD_.EX.WWA.H.RES.Seattle City & Light
WD_.EX.WYE.H.___.Cedar Creek 2
WD_.EX.WYE.H.___.Cedar Springs III
WD_.EX.WYE.H.___.Ekola Flats 1
WD_.EX.WYE.H.___.TB Flats 3
WD_.EX.WYE.H.REP.Dunlap 1
WD_.EX.WYE.H.REP.Foote Creek I
WD_.EX.WYE.H.REP.Glenrock I
WD_.EX.WYE.H.REP.Glenrock III
WD_.EX.WYE.H.REP.High Plains
WD_.EX.WYE.H.REP.McFadden Ridge 1
WD_.EX.WYE.H.REP.Rolling Hills
WD_.EX.WYE.H.REP.Seven Mile Hill
WD_.EX.WYE.H.REP.Seven Mile Hill II
WD_.EX.WYN.H.___.Pryor Mountain
WD_.EX.Yak.H.REP.Goodnoe Hills East
WD_.EX.Yak.H.REP.Leaning Juniper
WD_.PC.GOE.H.___.Wolverine Creek
WD_.PC.WWA.H.___.Combine Hills
WD_.PC.WWA.H.___.Seattle City & Light

WD_.PX.WYE._.___.WD
WD_.PX.WYE._.REP.FCII-IV
WD_.PX.WYE._.REP.RockR
WD_.PX.WYE._.RFP.Anticline-785__P
WD_.PX.WYE._.RFP.Boswell-409a__P
WD_.PX.WYE._.RFP.Cedar Springs-713c_P
WD_.PX.WYE._.RFP.Rock Creek-1131aB
WD_.PX.WYE._.RFP.Rock Creek-835a_B
WD_.PX.WYE._.RFP.Two Rivers-719c_P
WD_.QF.GOE.H.___.Meadow Creek Project Five Pine
WD_.QF.GOE.H.___.North Point
WD_.QF.PNC._.___.Mariah
WD_.QF.PNC._.___.Orem Family
WD_.QF.UTN.H.___.Mountain Power I
WD_.QF.UTN.H.___.Mountain Power II
WD_.QF.UTN.H.___.Power County
WD_.QF.UTN.H.___.Power County Park North
WD_.QF.UTN.H.___.Spanish Fork Park 2
WD_.QF.UTN.H.___.Tooele
WD_.QF.UTS.H.___.Latigo
WD_.QF.WWA._.___.Big Top ORWF
WD_.QF.WWA._.___.Butter Creek Power ORWF
WD_.QF.WWA._.___.Chopin
WD_.QF.WWA._.___.Four Corners ORWF
WD_.QF.WWA._.___.Four Mile Canyon ORWF
WD_.QF.WWA._.___.Oregon Trail ORWF
WD_.QF.WWA._.___.Pacific Canyon ORWF
WD_.QF.WWA._.___.Sand Ranch ORWF
WD_.QF.WWA._.___.Three Mile Canyon
WD_.QF.WWA._.___.Wagon Trail ORWF
WD_.QF.WWA._.___.Ward Butte ORWF
WD_.QF.WWA.H.___.Orchard
WD_.QF.WYE.H.___.Pioneer Park I
WD_.QF.WYN._.SML.BLM Rawlins
WD_.SL.MDC._.___.Seattle City & Light
XSC.PX.BDG._.___.Jim Bridger - Non-E
XSC.PX.HRM._.___.Non-E
XSC.PX.UTN._.___.Non-E
XSC.PX.UWY._.___.Naughton - Non-E
XSC.PX.WYE._.___.Wyodak - Non-E
CL_.Ex.BDG._._25.JimBridger 3
CL_.Ex.BDG._._30.JimBridger 4
CL_.Ex.UTS._._23.Hunter 1
CL_.Ex.UTS._._24.Hunter 2
CL_.Ex.UTS._._25.Hunter 3
CL_.Ex.WYE._._31.Wyodak
PVS.PX.UTS._.002.Hunter.PV
WD_.PX.BDG._.006.Jim Bridger.WD
XSC.PX.WYE._.___.Djohns - Non-E
WD_.PX.SOR._.___.WD
XSC.PX.WMV._.___.Willamette - Non-E
PVS.PX.UTS._.___.Huntington.PV
PVS.PX.BDG._.___.Jim Bridger.PV
BAT.EX.UTS._.___.Panguitch
BAT.PX.BDG._.___.SM Nuclear Bridger
BAT.PX.PNC._.___.Lithium-ion
BAT.PX.SOR._.RFP.Hamaker-905__P
BAT.PX.SOR._.RFP.Hayden 2-906__P
BAT.PX.UTN._.___.SM Nuclear Naughton
BAT.PX.UTN._.RFP.Dominguez-1175bT
BAT.PX.UTN._.RFP.Rocket Solar-862d_P
BAT.PX.UTS._.RFP.Fremont Solar-634b_P
BAT.PX.UTS._.RFP.Green River-787c_P
BAT.PX.UTS._.RFP.HORNSHADOW SOLAR I-777a_P
BAT.PX.UTS._.RFP.HORNSHADOW SOLAR II-778f_P
BAT.PX.UTS._.RFP.Parowan Solar-642__P
BAT.PX.UTS._.RFP.Rush Lake Solar-636b_P
BAT.PX.WYE._.___.DJ+Wyodak

WD_.PC.WYE.H.___.Three Buttes Power (Duke)
WD_.PC.WYE.H.___.Top of the World
WD_.PX.GOE._.RFP.Cedar Creek-255__P
WD_.PX.PNC._.___.WD
WD_.PX.PNC._.006.WD
WD_.PX.WMV._.006.WD
WD_.PX.WYE._.___.Djohns.WD
WD_.PX.WYE._.___.WD
WD_.PX.WYE._.REP.FCII-IV
WD_.PX.WYE._.REP.RockR
WD_.PX.WYE._.RFP.Anticline-785__P
WD_.PX.WYE._.RFP.Boswell-409a__P
WD_.PX.WYE._.RFP.Cedar Springs-713c_P
WD_.PX.WYE._.RFP.Rock Creek-1131aB
WD_.PX.WYE._.RFP.Rock Creek-835a_B
WD_.PX.WYE._.RFP.Two Rivers-719c_P
WD_.QF.GOE.H.___.Meadow Creek Project Five Pine
WD_.QF.GOE.H.___.North Point
WD_.QF.PNC._.___.Mariah
WD_.QF.PNC._.___.Orem Family
WD_.QF.UTN.H.___.Mountain Power I
WD_.QF.UTN.H.___.Mountain Power II
WD_.QF.UTN.H.___.Power County
WD_.QF.UTN.H.___.Power County Park North
WD_.QF.UTN.H.___.Spanish Fork Park 2
WD_.QF.UTN.H.___.Tooele
WD_.QF.UTS.H.___.Latigo
WD_.QF.WWA._.___.Big Top ORWF
WD_.QF.WWA._.___.Butter Creek Power ORWF
WD_.QF.WWA._.___.Chopin
WD_.QF.WWA._.___.Four Corners ORWF
WD_.QF.WWA._.___.Four Mile Canyon ORWF
WD_.QF.WWA._.___.Oregon Trail ORWF
WD_.QF.WWA._.___.Pacific Canyon ORWF
WD_.QF.WWA._.___.Sand Ranch ORWF
WD_.QF.WWA._.___.Three Mile Canyon
WD_.QF.WWA._.___.Wagon Trail ORWF
WD_.QF.WWA._.___.Ward Butte ORWF
WD_.QF.WWA.H.___.Orchard
WD_.QF.WYE.H.___.Pioneer Park I
WD_.QF.WYN._.SML.BLM Rawlins
WD_.SL.MDC._.___.Seattle City & Light
XSC.PX.BDG._.___.Jim Bridger - Non-E
XSC.PX.HRM._.___.Non-E
XSC.PX.UTN._.___.Non-E
XSC.PX.UWY._.___.Naughton - Non-E
XSC.PX.WYE._.___.Wyodak - Non-E
PWS.PX.YAK._.___.PV
PWS.PX.YAK._.___.WD
BAT.EX.UTS._.___.Panguitch
BAT.PX.BDG._.___.SM Nuclear Bridger
BAT.PX.PNC._.___.Lithium-ion
BAT.PX.SOR._.RFP.Hamaker-905__P
BAT.PX.SOR._.RFP.Hayden 2-906__P
BAT.PX.UTN._.___.SM Nuclear Naughton
BAT.PX.UTN._.RFP.Dominguez-1175bT
BAT.PX.UTN._.RFP.Rocket Solar-862d_P
BAT.PX.UTS._.RFP.Fremont Solar-634b_P
BAT.PX.UTS._.RFP.Green River-787c_P
BAT.PX.UTS._.RFP.HORNSHADOW SOLAR I-777a_P
BAT.PX.UTS._.RFP.HORNSHADOW SOLAR II-778f_P
BAT.PX.UTS._.RFP.Parowan Solar-642__P
BAT.PX.UTS._.RFP.Rush Lake Solar-636b_P
BAT.PX.WYE._.___.DJ+Wyodak
PVS.PX.BOR._.002.BAT
PVS.PX.COR._.___.BAT
PVS.PX.SOR._.___.BAT
PVS.PX.SOR.C.___.BAT 2028

PVS.PX.BOR._.002.BAT
PVS.PX.COR._.___.BAT
PVS.PX.SOR._.___.BAT
PVS.PX.SOR.C.___.BAT 2028
PVS.PX.UTN._.___.BAT
PVS.PX.UTS._.___.BAT
PVS.PX.YAK._.___.BAT
PVS.PX.UTS._.002.Hunter.BAT
PVS.PX.UTS._.___.Huntington.BAT
PVS.PX.BDG._.___.Jim Bridger.BAT
DRS.EX.GOE._.___.Irrigation
DRS.EX.UTN._.___.Cool Keeper
DRS.EX.UTN._.___.Irrigation
DRS.PX.GOE._.CI_.Battery DLC
DRS.PX.GOE._.CI_.Grid Interactive Water Htr
DRS.PX.GOE._.CI_.Smart Thermostats
DRS.PX.GOE._.IRR.Irrigation DLC
DRS.PX.GOE._.RES.Battery DLC
DRS.PX.GOE._.RES.EV DLC
DRS.PX.GOE._.RES.Grid Interactive Water Htr
DRS.PX.GOE._.RES.HVAC - DLC
DRS.PX.GOE._.RES.Water Heater - DLC
DRS.PX.GOE._.RFP.ID, Act-Battery
DRS.PX.GOE._.RFP.ID, Curtailment - CPower Energy Mgt
DRS.PX.GOE._.RFP.ID, Passive-Battery
DRS.PX.NCA._.CI_.Battery DLC
DRS.PX.NCA._.CI_.Grid Interactive Water Htr
DRS.PX.NCA._.CI_.HVAC - DLC
DRS.PX.NCA._.CI_.Smart Thermostats
DRS.PX.NCA._.IRR.Irrigation DLC
DRS.PX.NCA._.RES.Battery DLC
DRS.PX.NCA._.RES.EV DLC
DRS.PX.NCA._.RES.Grid Interactive Water Htr
DRS.PX.NCA._.RES.Home Energy Mgmt Sys
DRS.PX.NCA._.RES.HVAC - DLC
DRS.PX.NCA._.RES.Smart Thermostats
DRS.PX.NCA._.RES.Water Heater - DLC
DRS.PX.NCA._.RFP.CA, Act-Battery
DRS.PX.NCA._.RFP.CA, Curtailment - CPower Energy Mgt
DRS.PX.NCA._.RFP.CA, Passive-Battery
DRS.PX.NCA._.RFP.CA, Thermostat - Ademco, Inc.
DRS.PX.SOR._.CI_.3 Party
DRS.PX.SOR._.CI_.Battery DLC
DRS.PX.SOR._.CI_.Grid Interactive Water Htr
DRS.PX.SOR._.CI_.HVAC - DLC
DRS.PX.SOR._.CI_.Pool Pump - DLC
DRS.PX.SOR._.CI_.Smart Thermostats
DRS.PX.SOR._.CI_.Water Heater - DLC
DRS.PX.SOR._.IRR.Irrigation DLC
DRS.PX.SOR._.RES.Battery DLC
DRS.PX.SOR._.RES.EV DLC
DRS.PX.SOR._.RES.Grid Interactive Water Htr
DRS.PX.SOR._.RES.Home Energy Mgmt Sys
DRS.PX.SOR._.RES.HVAC - DLC
DRS.PX.SOR._.RES.Smart Thermostats
DRS.PX.SOR._.RES.Water Heater - DLC
DRS.PX.SOR._.RFP.CAOR, Ancillary Services
DRS.PX.SOR._.RFP.OR, Act-Battery
DRS.PX.SOR._.RFP.OR, BYOT, Energy Hub
DRS.PX.SOR._.RFP.OR, Curtailment - CPower Energy Mgt
DRS.PX.SOR._.RFP.OR, Irrigate - BPL
DRS.PX.SOR._.RFP.OR, Passive-Battery
DRS.PX.SOR._.RFP.OR, Wtr Heater, OATI
DRS.PX.UTN._.CI_.3 Party
DRS.PX.UTN._.CI_.Battery DLC
DRS.PX.UTN._.CI_.Grid Interactive Water Htr
DRS.PX.UTN._.CI_.HVAC - DLC
DRS.PX.UTN._.CI_.Pool Pump - DLC
PVS.PX.UTN._.___.BAT
PVS.PX.UTS._.___.BAT
PVS.PX.UTS._.___.Hunter.BAT
PVS.PX.YAK._.___.BAT
PWS.PX.YAK._.___.BAT
DRS.EX.GOE._.___.Irrigation
DRS.EX.UTN._.___.Cool Keeper
DRS.EX.UTN._.___.Irrigation
DRS.PX.GOE._.CI_.Battery DLC
DRS.PX.GOE._.CI_.Grid Interactive Water Htr
DRS.PX.GOE._.CI_.Smart Thermostats
DRS.PX.GOE._.IRR.Irrigation DLC
DRS.PX.GOE._.RES.Battery DLC
DRS.PX.GOE._.RES.EV DLC
DRS.PX.GOE._.RES.Grid Interactive Water Htr
DRS.PX.GOE._.RES.HVAC - DLC
DRS.PX.GOE._.RES.Water Heater - DLC
DRS.PX.GOE._.RFP.ID, Act-Battery
DRS.PX.GOE._.RFP.ID, Curtailment - CPower Energy Mgt
DRS.PX.GOE._.RFP.ID, Passive-Battery
DRS.PX.NCA._.CI_.Battery DLC
DRS.PX.NCA._.CI_.Grid Interactive Water Htr
DRS.PX.NCA._.CI_.HVAC - DLC
DRS.PX.NCA._.CI_.Smart Thermostats
DRS.PX.NCA._.IRR.Irrigation DLC
DRS.PX.NCA._.RES.Battery DLC
DRS.PX.NCA._.RES.EV DLC
DRS.PX.NCA._.RES.Grid Interactive Water Htr
DRS.PX.NCA._.RES.Home Energy Mgmt Sys
DRS.PX.NCA._.RES.HVAC - DLC
DRS.PX.NCA._.RES.Smart Thermostats
DRS.PX.NCA._.RES.Water Heater - DLC
DRS.PX.NCA._.RFP.CA, Act-Battery
DRS.PX.NCA._.RFP.CA, Curtailment - CPower Energy Mgt
DRS.PX.NCA._.RFP.CA, Passive-Battery
DRS.PX.NCA._.RFP.CA, Thermostat - Ademco, Inc.
DRS.PX.SOR._.CI_.3 Party
DRS.PX.SOR._.CI_.Battery DLC
DRS.PX.SOR._.CI_.Grid Interactive Water Htr
DRS.PX.SOR._.CI_.HVAC - DLC
DRS.PX.SOR._.CI_.Pool Pump - DLC
DRS.PX.SOR._.CI_.Smart Thermostats
DRS.PX.SOR._.CI_.Water Heater - DLC
DRS.PX.SOR._.IRR.Irrigation DLC
DRS.PX.SOR._.RES.Battery DLC
DRS.PX.SOR._.RES.EV DLC
DRS.PX.SOR._.RES.Grid Interactive Water Htr
DRS.PX.SOR._.RES.Home Energy Mgmt Sys
DRS.PX.SOR._.RES.HVAC - DLC
DRS.PX.SOR._.RES.Smart Thermostats
DRS.PX.SOR._.RES.Water Heater - DLC
DRS.PX.SOR._.RFP.CAOR, Ancillary Services
DRS.PX.SOR._.RFP.OR, Act-Battery
DRS.PX.SOR._.RFP.OR, BYOT, Energy Hub
DRS.PX.SOR._.RFP.OR, Curtailment - CPower Energy Mgt
DRS.PX.SOR._.RFP.OR, Irrigate - BPL
DRS.PX.SOR._.RFP.OR, Passive-Battery
DRS.PX.SOR._.RFP.OR, Wtr Heater, OATI
DRS.PX.UTN._.CI_.3 Party
DRS.PX.UTN._.CI_.Battery DLC
DRS.PX.UTN._.CI_.Grid Interactive Water Htr
DRS.PX.UTN._.CI_.HVAC - DLC
DRS.PX.UTN._.CI_.Pool Pump - DLC
DRS.PX.UTN._.CI_.Smart Thermostats
DRS.PX.UTN._.CI_.Water Heater - DLC
DRS.PX.UTN._.IRR.Irrigation DLC
DRS.PX.UTN._.RES.Battery DLC
DRS.PX.UTN._.RES.EV DLC

DRS.PX.UTN._.CI_.Smart Thermostats
DRS.PX.UTN._.CI_.Water Heater - DLC
DRS.PX.UTN._.IRR.Irrigation DLC
DRS.PX.UTN._.RES.Battery DLC
DRS.PX.UTN._.RES.EV DLC
DRS.PX.UTN._.RES.Grid Interactive Water Htr
DRS.PX.UTN._.RES.HVAC - DLC
DRS.PX.UTN._.RES.Water Heater - DLC
DRS.PX.UTN._.RFP.UT, Act-Battery
DRS.PX.UTN._.RFP.UT, C&I - Expansion
DRS.PX.UTN._.RFP.UT, Curtailment - CPower Energy Mgt
DRS.PX.UTN._.RFP.UT, Passive-Battery
DRS.PX.WYC._.CI_.3 Party
DRS.PX.WYC._.CI_.Battery DLC
DRS.PX.WYC._.CI_.Grid Interactive Water Htr
DRS.PX.WYC._.CI_.Smart Thermostats
DRS.PX.WYC._.CI_.Water Heater - DLC
DRS.PX.WYC._.IRR.Irrigation DLC
DRS.PX.WYC._.RES.Battery DLC
DRS.PX.WYC._.RES.EV DLC
DRS.PX.WYC._.RES.Grid Interactive Water Htr
DRS.PX.WYC._.RES.HVAC - DLC
DRS.PX.WYC._.RES.Water Heater - DLC
DRS.PX.WYC._.RFP.WY, Act-Battery
DRS.PX.WYC._.RFP.WY, Curtailment - CPower Energy Mgt
DRS.PX.WYC._.RFP.WY, Passive-Battery
DRS.PX.YAK._.CI_.3 Party
DRS.PX.YAK._.CI_.Battery DLC
DRS.PX.YAK._.CI_.Grid Interactive Water Htr
DRS.PX.YAK._.CI_.HVAC - DLC
DRS.PX.YAK._.CI_.Smart Thermostats
DRS.PX.YAK._.CI_.Water Heater - DLC
DRS.PX.YAK._.IRR.Irrigation DLC
DRS.PX.YAK._.RES.Battery DLC
DRS.PX.YAK._.RES.EV DLC
DRS.PX.YAK._.RES.Grid Interactive Water Htr
DRS.PX.YAK._.RES.Home Energy Mgmt Sys
DRS.PX.YAK._.RES.HVAC - DLC
DRS.PX.YAK._.RES.Smart Thermostats
DRS.PX.YAK._.RES.Water Heater - DLC
DRS.PX.YAK._.RFP.WA, Act-Battery
DRS.PX.YAK._.RFP.WA, Agr C&I - Eaton
DRS.PX.YAK._.RFP.WA, BYOT, Energy Hub
DRS.PX.YAK._.RFP.WA, Curtailment - CPower Energy Mgt
DRS.PX.YAK._.RFP.WA, Irrigate - BPL
DRS.PX.YAK._.RFP.WA, Passive-Battery
DRS.PX.YAK._.RFP.WA, Wtr Heater, OATI
DRW.PX.GOE._.CI_.Battery DLC
DRW.PX.GOE._.CI_.Grid Interactive Water Htr
DRW.PX.GOE._.CI_.Smart Thermostats
DRW.PX.GOE._.RES.Battery DLC
DRW.PX.GOE._.RES.EV DLC
DRW.PX.GOE._.RES.Grid Interactive Water Htr
DRW.PX.GOE._.RES.HVAC - DLC
DRW.PX.GOE._.RES.Water Heater - DLC
DRW.PX.NCA._.CI_.Battery DLC
DRW.PX.NCA._.CI_.Grid Interactive Water Htr
DRW.PX.NCA._.CI_.Smart Thermostats
DRW.PX.NCA._.CI_.Water Heater - DLC
DRW.PX.NCA._.RES.Battery DLC
DRW.PX.NCA._.RES.EV DLC
DRW.PX.NCA._.RES.Grid Interactive Water Htr
DRW.PX.NCA._.RES.Home Energy Mgmt Sys
DRW.PX.NCA._.RES.HVAC - DLC
DRW.PX.NCA._.RES.Smart Thermostats
DRW.PX.NCA._.RES.Water Heater - DLC
DRW.PX.SOR._.CI_.3 Party
DRW.PX.SOR._.CI_.Battery DLC
DRS.PX.UTN._.RES.Grid Interactive Water Htr
DRS.PX.UTN._.RES.HVAC - DLC
DRS.PX.UTN._.RES.Water Heater - DLC
DRS.PX.UTN._.RFP.UT, Act-Battery
DRS.PX.UTN._.RFP.UT, C&I - Expansion
DRS.PX.UTN._.RFP.UT, Curtailment - CPower Energy Mgt
DRS.PX.UTN._.RFP.UT, Passive-Battery
DRS.PX.WYC._.CI_.3 Party
DRS.PX.WYC._.CI_.Battery DLC
DRS.PX.WYC._.CI_.Grid Interactive Water Htr
DRS.PX.WYC._.CI_.Smart Thermostats
DRS.PX.WYC._.CI_.Water Heater - DLC
DRS.PX.WYC._.IRR.Irrigation DLC
DRS.PX.WYC._.RES.Battery DLC
DRS.PX.WYC._.RES.EV DLC
DRS.PX.WYC._.RES.Grid Interactive Water Htr
DRS.PX.WYC._.RES.HVAC - DLC
DRS.PX.WYC._.RES.Water Heater - DLC
DRS.PX.WYC._.RFP.WY, Act-Battery
DRS.PX.WYC._.RFP.WY, Curtailment - CPower Energy Mgt
DRS.PX.WYC._.RFP.WY, Passive-Battery
DRS.PX.YAK._.CI_.3 Party
DRS.PX.YAK._.CI_.Battery DLC
DRS.PX.YAK._.CI_.Grid Interactive Water Htr
DRS.PX.YAK._.CI_.HVAC - DLC
DRS.PX.YAK._.CI_.Smart Thermostats
DRS.PX.YAK._.CI_.Water Heater - DLC
DRS.PX.YAK._.IRR.Irrigation DLC
DRS.PX.YAK._.RES.Battery DLC
DRS.PX.YAK._.RES.EV DLC
DRS.PX.YAK._.RES.Grid Interactive Water Htr
DRS.PX.YAK._.RES.Home Energy Mgmt Sys
DRS.PX.YAK._.RES.HVAC - DLC
DRS.PX.YAK._.RES.Smart Thermostats
DRS.PX.YAK._.RES.Water Heater - DLC
DRS.PX.YAK._.RFP.WA, Act-Battery
DRS.PX.YAK._.RFP.WA, Agr C&I - Eaton
DRS.PX.YAK._.RFP.WA, BYOT, Energy Hub
DRS.PX.YAK._.RFP.WA, Curtailment - CPower Energy Mgt
DRS.PX.YAK._.RFP.WA, Irrigate - BPL
DRS.PX.YAK._.RFP.WA, Passive-Battery
DRS.PX.YAK._.RFP.WA, Wtr Heater, OATI
DRW.PX.GOE._.CI_.Battery DLC
DRW.PX.GOE._.CI_.Grid Interactive Water Htr
DRW.PX.GOE._.CI_.Smart Thermostats
DRW.PX.GOE._.RES.Battery DLC
DRW.PX.GOE._.RES.EV DLC
DRW.PX.GOE._.RES.Grid Interactive Water Htr
DRW.PX.GOE._.RES.HVAC - DLC
DRW.PX.GOE._.RES.Water Heater - DLC
DRW.PX.NCA._.CI_.Battery DLC
DRW.PX.NCA._.CI_.Grid Interactive Water Htr
DRW.PX.NCA._.CI_.Smart Thermostats
DRW.PX.NCA._.CI_.Water Heater - DLC
DRW.PX.NCA._.RES.Battery DLC
DRW.PX.NCA._.RES.EV DLC
DRW.PX.NCA._.RES.Grid Interactive Water Htr
DRW.PX.NCA._.RES.Home Energy Mgmt Sys
DRW.PX.NCA._.RES.HVAC - DLC
DRW.PX.NCA._.RES.Smart Thermostats
DRW.PX.NCA._.RES.Water Heater - DLC
DRW.PX.SOR._.CI_.3 Party
DRW.PX.SOR._.CI_.Battery DLC
DRW.PX.SOR._.CI_.Grid Interactive Water Htr
DRW.PX.SOR._.CI_.HVAC - DLC
DRW.PX.SOR._.CI_.Pool Pump - DLC
DRW.PX.SOR._.CI_.Smart Thermostats
DRW.PX.SOR._.CI_.Water Heater - DLC

DRW.PX.SOR._.CI_.Grid Interactive Water Htr
DRW.PX.SOR._.CI_.HVAC - DLC
DRW.PX.SOR._.CI_.Pool Pump - DLC
DRW.PX.SOR._.CI_.Smart Thermostats
DRW.PX.SOR._.CI_.Water Heater - DLC
DRW.PX.SOR._.RES.Battery DLC
DRW.PX.SOR._.RES.EV DLC
DRW.PX.SOR._.RES.Grid Interactive Water Htr
DRW.PX.SOR._.RES.Home Energy Mgmt Sys
DRW.PX.SOR._.RES.HVAC - DLC
DRW.PX.SOR._.RES.Smart Thermostats
DRW.PX.SOR._.RES.Water Heater - DLC
DRW.PX.UTN._.CI_.3 Party
DRW.PX.UTN._.CI_.Battery DLC
DRW.PX.UTN._.CI_.Grid Interactive Water Htr
DRW.PX.UTN._.CI_.HVAC - DLC
DRW.PX.UTN._.CI_.Pool Pump - DLC
DRW.PX.UTN._.CI_.Smart Thermostats
DRW.PX.UTN._.CI_.Water Heater - DLC
DRW.PX.UTN._.RES.Battery DLC
DRW.PX.UTN._.RES.EV DLC
DRW.PX.UTN._.RES.HVAC - DLC
DRW.PX.UTN._.RES.Water Heater - DLC
DRW.PX.WYC._.CI_.Battery DLC
DRW.PX.WYC._.CI_.Pool Pump - DLC
DRW.PX.WYC._.CI_.Smart Thermostats
DRW.PX.WYC._.RES.Battery DLC
DRW.PX.WYC._.RES.EV DLC
DRW.PX.WYC._.RES.HVAC - DLC
DRW.PX.WYC._.RES.Water Heater - DLC
DRW.PX.YAK._.CI_.3 Party
DRW.PX.YAK._.CI_.Battery DLC
DRW.PX.YAK._.CI_.Grid Interactive Water Htr
DRW.PX.YAK._.CI_.HVAC - DLC
DRW.PX.YAK._.CI_.Smart Thermostats
DRW.PX.YAK._.CI_.Water Heater - DLC
DRW.PX.YAK._.RES.Battery DLC
DRW.PX.YAK._.RES.EV DLC
DRW.PX.YAK._.RES.Grid Interactive Water Htr
DRW.PX.YAK._.RES.Home Energy Mgmt Sys
DRW.PX.YAK._.RES.HVAC - DLC
DRW.PX.YAK._.RES.Smart Thermostats
DRW.PX.YAK._.RES.Water Heater - DLC
EE_.EX.GOE._.___.Idaho
EE_.EX.NCA._.___.California
EE_.EX.SOR._.___.Oregon
EE_.EX.UTN._.___.Utah
EE_.EX.WYC._.___.Wyoming
EE_.EX.YAK._.___.Washington
EE_.PL.GOE._.YR1.Idaho
EE_.PL.NCA._.YR1.California
EE_.PL.SOR._.YR1.Oregon
EE_.PL.UTN._.YR1.Utah
EE_.PL.WYC._.YR1.Wyoming
EE_.PL.YAK._.YR1.Washington
EE_.PX.GOE._.001.ID
EE_.PX.GOE._.002.ID
EE_.PX.GOE._.003.ID
EE_.PX.GOE._.004.ID
EE_.PX.GOE._.005.ID
EE_.PX.GOE._.006.ID
EE_.PX.GOE._.007.ID
EE_.PX.GOE._.008.ID
EE_.PX.GOE._.009.ID
EE_.PX.GOE._.010.ID
EE_.PX.GOE._.011.ID
EE_.PX.GOE._.012.ID
EE_.PX.GOE._.013.ID

DRW.PX.SOR._.RES.Battery DLC
DRW.PX.SOR._.RES.EV DLC
DRW.PX.SOR._.RES.Grid Interactive Water Htr
DRW.PX.SOR._.RES.Home Energy Mgmt Sys
DRW.PX.SOR._.RES.HVAC - DLC
DRW.PX.SOR._.RES.Smart Thermostats
DRW.PX.SOR._.RES.Water Heater - DLC
DRW.PX.UTN._.CI_.3 Party
DRW.PX.UTN._.CI_.Battery DLC
DRW.PX.UTN._.CI_.Grid Interactive Water Htr
DRW.PX.UTN._.CI_.HVAC - DLC
DRW.PX.UTN._.CI_.Pool Pump - DLC
DRW.PX.UTN._.CI_.Smart Thermostats
DRW.PX.UTN._.CI_.Water Heater - DLC
DRW.PX.UTN._.RES.Battery DLC
DRW.PX.UTN._.RES.EV DLC
DRW.PX.UTN._.RES.Grid Interactive Water Htr
DRW.PX.UTN._.RES.HVAC - DLC
DRW.PX.UTN._.RES.Water Heater - DLC
DRW.PX.WYC._.CI_.3 Party
DRW.PX.WYC._.CI_.Battery DLC
DRW.PX.WYC._.CI_.Pool Pump - DLC
DRW.PX.WYC._.CI_.Smart Thermostats
DRW.PX.WYC._.CI_.Water Heater - DLC
DRW.PX.WYC._.RES.Battery DLC
DRW.PX.WYC._.RES.EV DLC
DRW.PX.WYC._.RES.Grid Interactive Water Htr
DRW.PX.WYC._.RES.HVAC - DLC
DRW.PX.WYC._.RES.Water Heater - DLC
DRW.PX.YAK._.CI_.3 Party
DRW.PX.YAK._.CI_.Battery DLC
DRW.PX.YAK._.CI_.Grid Interactive Water Htr
DRW.PX.YAK._.CI_.HVAC - DLC
DRW.PX.YAK._.CI_.Smart Thermostats
DRW.PX.YAK._.CI_.Water Heater - DLC
DRW.PX.YAK._.RES.Battery DLC
DRW.PX.YAK._.RES.EV DLC
DRW.PX.YAK._.RES.Grid Interactive Water Htr
DRW.PX.YAK._.RES.Home Energy Mgmt Sys
DRW.PX.YAK._.RES.HVAC - DLC
DRW.PX.YAK._.RES.Smart Thermostats
DRW.PX.YAK._.RES.Water Heater - DLC
EE_.EX.GOE._.___.Idaho
EE_.EX.NCA._.___.California
EE_.EX.SOR._.___.Oregon
EE_.EX.UTN._.___.Utah
EE_.EX.WYC._.___.Wyoming
EE_.EX.YAK._.___.Washington
EE_.PL.GOE._.YR1.Idaho
EE_.PL.NCA._.YR1.California
EE_.PL.SOR._.YR1.Oregon
EE_.PL.UTN._.YR1.Utah
EE_.PL.WYC._.YR1.Wyoming
EE_.PL.YAK._.YR1.Washington
EE_.PX.GOE._.001.ID
EE_.PX.GOE._.002.ID
EE_.PX.GOE._.003.ID
EE_.PX.GOE._.004.ID
EE_.PX.GOE._.005.ID
EE_.PX.GOE._.006.ID
EE_.PX.GOE._.007.ID
EE_.PX.GOE._.008.ID
EE_.PX.GOE._.009.ID
EE_.PX.GOE._.010.ID
EE_.PX.GOE._.011.ID
EE_.PX.GOE._.012.ID
EE_.PX.GOE._.013.ID
EE_.PX.GOE._.014.ID

EE_.PX.GOE._.014.ID
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EE_.PX.GOE._.024.ID
EE_.PX.GOE._.025.ID
EE_.PX.GOE._.026.ID
EE_.PX.GOE._.027.ID
EE_.PX.GOE._.HER.ID
EE_.PX.NCA._.001.CA
EE_.PX.NCA._.002.CA
EE_.PX.NCA._.003.CA
EE_.PX.NCA._.004.CA
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EE_.PX.NCA._.026.CA
EE_.PX.SOR._.001.OR
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EE_.PX.SOR._.HER.OR
EE_.PX.UTN._.001.UT
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EE_.PX.GOE._.027.ID
EE_.PX.GOE._.HER.ID
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EE_.PX.UTN._.026.UT
EE_.PX.UTN._.027.UT
EE_.PX.UTN._.HER.UT
EE_.PX.WYC._.001.WY
EE_.PX.WYC._.002.WY
EE_.PX.WYC._.003.WY
EE_.PX.WYC._.004.WY
EE_.PX.WYC._.005.WY
EE_.PX.WYC._.006.WY
EE_.PX.WYC._.007.WY
EE_.PX.WYC._.008.WY
EE_.PX.WYC._.009.WY
EE_.PX.WYC._.010.WY
EE_.PX.WYC._.011.WY
EE_.PX.WYC._.012.WY
EE_.PX.WYC._.013.WY
EE_.PX.WYC._.014.WY
EE_.PX.WYC._.015.WY
EE_.PX.WYC._.016.WY
EE_.PX.WYC._.017.WY
EE_.PX.WYC._.018.WY
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EE_.PX.WYC._.020.WY
EE_.PX.WYC._.021.WY
EE_.PX.WYC._.022.WY
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EE_.PX.WYC._.024.WY
EE_.PX.WYC._.025.WY
EE_.PX.WYC._.026.WY
EE_.PX.WYC._.027.WY
EE_.PX.YAK._.001.WA
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EE_.PX.UTN._.005.UT
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EE_.PX.UTN._.027.UT
EE_.PX.UTN._.HER.UT
EE_.PX.WYC._.001.WY
EE_.PX.WYC._.002.WY
EE_.PX.WYC._.003.WY
EE_.PX.WYC._.004.WY
EE_.PX.WYC._.005.WY
EE_.PX.WYC._.006.WY
EE_.PX.WYC._.007.WY
EE_.PX.WYC._.008.WY
EE_.PX.WYC._.009.WY
EE_.PX.WYC._.010.WY
EE_.PX.WYC._.011.WY
EE_.PX.WYC._.012.WY
EE_.PX.WYC._.013.WY
EE_.PX.WYC._.014.WY
EE_.PX.WYC._.015.WY
EE_.PX.WYC._.016.WY
EE_.PX.WYC._.017.WY
EE_.PX.WYC._.018.WY
EE_.PX.WYC._.019.WY
EE_.PX.WYC._.020.WY
EE_.PX.WYC._.021.WY
EE_.PX.WYC._.022.WY
EE_.PX.WYC._.023.WY
EE_.PX.WYC._.024.WY
EE_.PX.WYC._.025.WY
EE_.PX.WYC._.026.WY
EE_.PX.WYC._.027.WY
EE_.PX.YAK._.001.WA
EE_.PX.YAK._.002.WA
EE_.PX.YAK._.003.WA
EE_.PX.YAK._.004.WA
EE_.PX.YAK._.005.WA
EE_.PX.YAK._.006.WA
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EE_.PX.YAK._.025.WA
EE_.PX.YAK._.026.WA
EE_.PX.YAK._.027.WA
EE_.PX.YAK._.HER.WA

EE_.PX.YAK._.018.WA
EE_.PX.YAK._.019.WA
EE_.PX.YAK._.020.WA
EE_.PX.YAK._.021.WA
EE_.PX.YAK._.022.WA
EE_.PX.YAK._.023.WA
EE_.PX.YAK._.024.WA
EE_.PX.YAK._.025.WA
EE_.PX.YAK._.026.WA
EE_.PX.YAK._.027.WA
EE_.PX.YAK._.HER.WA

Washington-allocated Resources

In P02-MM-CETA, not SCGHG	In P02-SCGHG, not P02-MM-CETA
PVS.PX.UTS._.___.Hunter.PV[1]	XSC.PX.WYE._.___.Djohns - Non-E[1]
PWS.PX.YAK._.___.PV[2]	WD_.PX.SOR._.___.WD[3]
PWS.PX.YAK._.___.WD[2]	XSC.PX.WMV._.___.Willamette - Non-E[1]
PVS.PX.UTS._.___.Hunter.BAT[1]	
PWS.PX.YAK._.___.BAT[2]	

1 - Driven by reliability needs under heavy coal retirement
2 - Driven by need for final adjustment to meet targets
3 - Driven by reconciliation and diversity under heavy coal retirement

Annual difference (on average) in installed capacity between portfolios, allocated to Washington	
P02-SCGHG less P02-MM-CETA	-139

Discount Rate
6.88%

Portfolio Costs Allocated to Washington in the CE

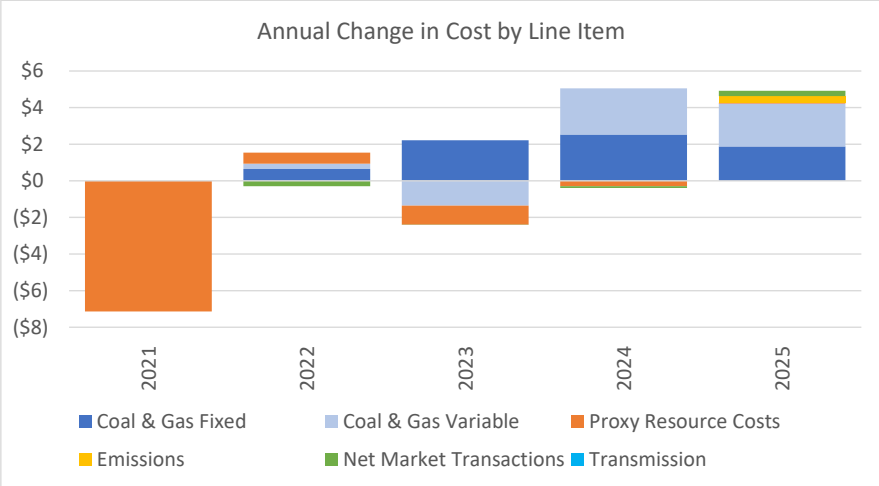
P02-MM-CETA	NPV	2021	2022	2023	2024	2025
Coal Fuel	$65	$0	$38	$38	$0	$0
Gas Fuel	$136	$0	$20	$20	$67	$71
Gas VOM	$8	$0	$1	$1	$4	$4
Non-Gas VOM/PTC	($56)	$0	($12)	($13)	($15)	($33)
Energy Efficiency	$15	$0	$3	$4	$6	$7
Market Purchases	$19	$0	$6	$6	$6	$7
Market Sales	($72)	$0	($20)	($21)	($24)	($27)
Emissions	$9	$0	$0	$0	$0	$13
Deficiency	$53	$52	$3	$2	$0	$0
Total Variable	$178	$52	$39	$37	$44	$43
Proxy Capital	$4,124	$604	$604	$604	$1,710	$1,710
Proxy Fixed	$86	$0	$13	$15	$26	$60
Coal Fixed	$26	$0	$16	$15	$0	$0
Gas Fixed	$0	$0	$0	$0	$0	$0
Demand Response	$7	$0	$1	$2	$3	$4
Transmission	$5,710	$0	($0)	($0)	$64	$7,894
Total Fixed	$9,954	$604	$634	$635	$1,803	$9,668
Total	$10,131	$655	$673	$672	$1,848	$9,711
Risk Premium	$0					
Risk Adjusted	$10,131					

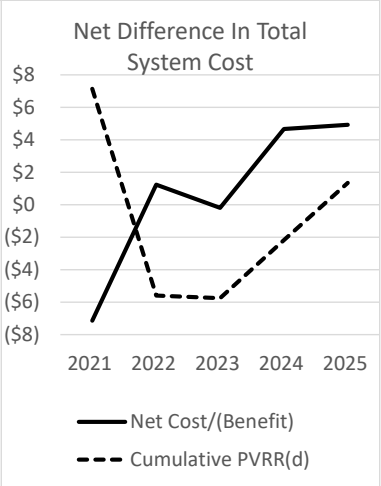
P02-SC-MM	NPV	2021	2022	2023	2024	2025
Coal Fuel	$64	$0	$39	$36	$0	$0
Gas Fuel	$140	$0	$20	$20	$70	$73
Gas VOM	$8	$0	$1	$1	$4	$4
Non-Gas VOM/PTC	($56)	$0	($12)	($13)	($15)	($33)
Energy Efficiency	$15	$0	$3	$4	$6	$7
Market Purchases	$19	$0	$5	$6	$6	$7
Market Sales	($72)	$0	($20)	($21)	($24)	($27)
Emissions	$9	$0	$0	$0	$0	$13
Deficiency	$46	$45	$3	$1	$0	$0
Total Variable	$173	$45	$40	$34	$46	$46
Proxy Capital	$4,124	$604	$604	$604	$1,710	$1,710
Proxy Fixed	$86	$0	$13	$15	$26	$60
Coal Fixed	$32	$0	$17	$17	$3	$2
Gas Fixed	$0	$0	$0	$0	$0	$0
Demand Response	$7	$0	$1	$2	$3	$4
Transmission	$5,710	$0	($0)	($0)	$64	$7,894
Total Fixed	$9,959	$604	$634	$637	$1,806	$9,670
Total	$10,133	$648	$674	$672	$1,852	$9,716
Risk Premium	$0					
Risk Adjusted	$10,133					

(Benefit)/Cost of P02-SCGHG-MM	NPV	2021	2022	2023	2024	2025
Coal Fuel	($1)	$0	$1	($1)	$0	$0
Gas Fuel	$3	$0	($0)	($0)	$2	$2
Gas VOM	$0	$0	($0)	($0)	$0	$0
Non-Gas VOM/PTC	($0)	$0	($0)	$0	$0	($0)
Energy Efficiency	$0	$0	$0	$0	$0	$0
Market Purchases	($0)	$0	($0)	($0)	($0)	$0
Market Sales	$0	$0	($0)	$0	$0	$0
Emissions	$0	$0	$0	$0	$0	$0
Deficiency	($7)	($7)	$1	($1)	($0)	$0
Total Variable	($4)	($7)	$1	($2)	$2	$3
Proxy Capital	$0	$0	$0	$0	$0	$0
Proxy Fixed	$0	$0	$0	$0	$0	$0

Coal Fixed	$6	$0	$1	$2	$3	$2
Gas Fixed	$0	$0	$0	$0	$0	$0
Demand Response	$0	$0	$0	$0	$0	$0
Transmission	$0	$0	$0	$0	$0	$0
Total Fixed	$6	$0	$1	$2	$3	$2
Total	$1	($7)	$1	($0)	$5	$5
Risk Premium	$0					
Risk Adjusted	$1					

	NPV	2021	2022	2023	2024	2025
Coal & Gas Fixed	$6	$0	$1	$2	$3	$2
Transmission	$0	$0	$0	$0	$0	$0
Proxy Resource Costs	($7)	($7)	$1	($1)	($0)	$0
Coal & Gas Variable	$3	$0	$0	($1)	$3	$2
Emissions	$0	$0	$0	$0	$0	$0
Net Market Transactions	($0)	$0	($0)	($0)	($0)	$0
Net Cost/(Benefit)	$1	($7)	$1	($0)	$5	$5
Cumulative PVRR(d)		**$7**	**($6)**	**($6)**	**($2)**	**$1**





($1)

Discount Rate
6.88%

$ millions	NPV	2021
1 Coal VOM Costs		
Retired Coal	0	0
EOL Coal	0	0
Total	0	0
2 Coal Fixed Costs		
Retired Coal FOM	606	103
Reclamation Costs	0	0
Retirement Costs	50	0
EOL Coal FOM	(1,525)	(95)
Total	(869)	8
3 Coal Fuel Costs		
Retired Coal	1,207	200
Retired Coal Start Fuel	41	7
EOL Coal	(1,948)	(194)
EOL Coal Start Fuel	(78)	(7)
Total	(779)	6
4 Emission Cost (CO2)		
Retired Coal	253	0
EOL Coal	(949)	0
Total	(697)	0
5 Proxy Generation Costs		
Solar VOM	0	0
Wind VOM	79	0
Gas VOM	4	(0)
Battery VOM	0	0
LT Contract VOM	(0)	(0)
QFs VOM	0	0
Other VOM	(26)	0
Fuel	143	(2)
Start Fuel	(2)	(0)
Energy not Served	(12)	(1)
Dumped Energy	0	0
Deficiency Cost	(6)	(6)
Emissions Costs	(0)	0

	Total	179	(9)
	VOM Integration, Wind + Solar		
6	Proxy Generation Resource Fixed Costs		
	Generator Fixed / Build Costs	1,594	0
	Battery Fixed / Build Costs	(89)	0
	Solar FOM	269	0
	Wind FOM	(101)	0
	Gas FOM	0	0
	Battery FOM	(17)	0
	Other FOM	157	0
	Use of Service	0	0
	Total	1,812	0
	Remove Portfolio Credits		
7	DSM Costs		
	DR VOM	0	0
	DR FOM	0	0
	EE VOM	209	(0)
	EE FOM	0	0
	Total	209	(0)
8	Market Costs		
	System Market Sales	216	(3)
	System Market Purchases	197	(4)
	Total	413	(7)
9	Transmission Costs		
	Transmission Build / Reinforcement Costs	12	0
	Total	12	0
11	Total System Cost	19	(2)
	Fixed	955	8
	Variable	(674)	(10)
	Adjustments	(262)	0
12	Risk Adjusted PVRR	(6)	
	Generation (GWH)		
	Retired Coal	78,667	11,496

EOL Coal	(142,645)	(11,261)
DSM	5,242	(2)
LT Contracts	0	0
QFs	-	-
Gas	3,122	(34)
Solar	34,357	-
Wind	(2,132)	(3)
Other System	10,541	(22)
Total	(12,848)	176

P02-SCGR-MM less P02-MM-CETA

2022	2023	2024	2025	2026	2027	2028
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
114	118	102	111	55	50	51
0	0	0	0	0	0	0
0	0	21	15	56	0	0
(111)	(106)	(135)	(131)	(141)	(135)	(161)
3	12	(11)	(5)	(31)	(85)	(110)
235	225	257	173	77	78	83
8	8	8	6	3	3	1
(229)	(226)	(295)	(225)	(186)	(178)	(197)
(9)	(8)	(9)	(8)	(8)	(8)	(10)
6	(1)	(39)	(54)	(114)	(106)	(122)
0	0	0	86	45	50	60
0	0	0	(114)	(111)	(116)	(141)
0	0	0	(28)	(66)	(66)	(81)
0	0	0	0	0	0	0
(0)	0	0	(0)	14	15	15
(0)	0	1	0	2	1	1
0	0	0	0	0	0	0
0	(0)	0	0	0	0	0
0	0	0	0	0	0	0
(0)	0	0	(0)	(0)	(0)	0
(5)	0	12	4	32	25	27
0	(0)	(0)	1	1	0	(3)
0	(8)	0	0	0	(0)	(0)
0	0	0	0	0	0	0
8	(5)	(4)	1	0	0	(1)
0	0	0	1	6	4	4

3	(13)	9	7	55	46	43
0	0	91	148	217	217	242
0	0	0	0	0	0	49
0	0	16	26	45	46	46
0	0	0	0	(23)	(23)	(18)
0	0	0	0	0	0	0
0	0	0	0	0	0	8
0	0	0	0	0	0	0
0	0	0	0	(0)	(0)	(0)
0	0	108	174	240	240	327
0	0	0	0	0	0	0
0	0	0	0	0	0	0
2	4	7	8	11	15	19
0	0	0	0	0	0	0
2	4	7	8	11	15	19
(2)	1	1	3	18	14	10
(2)	(1)	(2)	1	20	13	15
(4)	(0)	(1)	4	38	26	25
0	0	0	0	0	0	0
0	0	0	0	0	0	0
11	2	72	68	94	31	61
3	12	96	169	209	154	217
7	(10)	(24)	(62)	(76)	(84)	(117)
(0)	(0)	(0)	(39)	(39)	(39)	(39)
-25						
13,184	12,117	12,345	7,889	3,665	3,643	3,869

(12,881)	(12,139)	(14,171)	(10,194)	(8,825)	(8,219)	(9,198)
31	58	95	131	193	230	247
(0)	0	(0)	(0)	0	0	(0)
-	-	-	-	-	-	-
(199)	21	624	186	1,234	921	987
-	-	1,159	1,948	3,300	3,284	3,188
0	(2)	(6)	13	(613)	(618)	115
(4)	0	(3)	9	7	(8)	(28)
131	54	44	(19)	(1,038)	(768)	(820)

2029	2030	2031	2032	2033	2034	2035
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
56	50	0	0	0	0	0
0	0	0	0	0	0	0
0	0	40	37	0	0	0
(155)	(170)	(162)	(189)	(179)	(191)	(185)
(99)	(120)	(122)	(152)	(179)	(191)	(185)
110	105	16	13	5	6	14
3	3	1	1	1	1	1
(212)	(188)	(160)	(137)	(138)	(129)	(129)
(8)	(9)	(6)	(6)	(6)	(5)	(5)
(108)	(88)	(150)	(129)	(139)	(128)	(119)
71	75	5	4	1	2	6
(156)	(149)	(128)	(117)	(128)	(127)	(139)
(85)	(73)	(124)	(113)	(126)	(125)	(133)
0	0	0	0	0	0	0
16	14	16	16	16	17	17
2	1	1	0	1	(0)	(1)
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
(0)	0	(36)	(36)	(36)	13	14
44	26	40	14	22	(2)	(14)
(1)	(1)	0	(1)	(1)	(1)	(1)
0	(2)	(2)	(2)	(1)	(0)	(1)
0	0	0	0	0	0	0
0	(0)	0	0	0	0	0
8	5	9	2	5	(3)	(8)

69	43	28	(6)	6	25	5
242	220	239	263	240	240	240
(25)	(25)	(25)	(25)	(25)	(25)	(25)
47	52	26	26	27	27	28
(18)	(11)	(11)	(12)	(12)	(12)	(12)
0	0	0	0	0	0	0
(4)	(4)	(4)	(5)	(5)	(5)	(5)
0	(18)	63	64	65	67	68
(0)	(0)	(0)	(0)	0	0	0
241	214	287	312	290	292	293
0	0	0	0	0	0	0
0	0	0	0	0	0	0
21	22	25	29	32	37	41
0	0	0	0	0	0	0
21	22	25	29	32	37	41
17	27	40	24	20	18	22
19	25	34	25	24	28	30
36	52	73	49	45	46	52
0	4	4	4	4	4	4
0	4	4	4	4	4	4
36	14	(16)	(45)	(106)	(9)	(81)
142	98	170	165	116	106	113
(67)	(45)	(147)	(171)	(182)	(145)	(154)
(39)	(40)	(40)	(40)	(40)	31	(40)
4,121	3,877	375	294	91	115	294

(9,226)	(7,881)	(6,095)	(4,930)	(4,750)	(4,175)	(4,049)
240	248	269	290	308	349	382
(0)	(0)	0	(0)	(0)	0	(0)
-	-	-	-	-	-	-
1,171	671	999	235	424	(202)	(572)
3,107	3,219	1,459	1,455	1,449	1,468	1,472
91	(67)	(108)	(91)	(149)	(74)	(74)
28	(794)	1,992	1,998	1,987	1,884	1,893
(467)	(727)	(1,109)	(749)	(640)	(635)	(655)

					Total	Is FOM
2036	**2037**	**2038**	**2039**	**2040**		
0	0	0	0	0		
0	0	0	0	0		
0	0	0	0	0		
0	0	0	0	0		
0	0	0	0	0		
0	0	0	0	0		
0	0	(128)	0	(43)		
(192)	(174)	(136)	(128)	(106)		
(192)	(174)	(264)	(128)	(149)		
5	62	0	0	0		
(0)	2	0	0	0		
(124)	(167)	(42)	(36)	(50)		
(6)	(7)	(3)	(4)	(3)		
(125)	(110)	(45)	(39)	(53)		
2	29	0	0	0		
(147)	(237)	(83)	(82)	(117)		
(145)	(208)	(83)	(82)	(117)		
0	0	0	0	0		
1	1	1	1	0		
(1)	(1)	(1)	(1)	(1)		
0	0	0	0	0		
0	0	0	0	0		
0	0	0	0	0		
14	15	2	5	4		
(22)	(3)	11	44	37		
(1)	(1)	0	1	0		
(3)	0	0	0	0		
0	0	0	0	0		
0	0	0	0	0		
(11)	(13)	(13)	(15)	(14)		

(23)	(2)	(0)	34	27
240	217	94	94	86
(25)	(25)	(25)	(25)	(25)
28	20	32	32	29
(13)	(13)	(13)	(13)	(16)
0	0	0	0	0
(5)	(5)	(5)	(5)	(5)
69	70	(22)	(22)	(23)
(0)	(0)	(0)	(0)	0
295	265	61	61	46
0	0	0	0	0
0	0	0	0	0
44	45	49	51	50
0	0	0	0	0
44	45	49	51	50
21	74	89	75	132
34	71	69	57	73
55	144	159	132	205
4	(1)	(1)	(1)	(1)
4	(1)	(1)	(1)	(1)
(126)	(80)	(164)	(13)	(31)
108	91	(204)	(68)	(103)
(194)	(131)	80	95	113
(40)	(40)	(40)	(40)	(40)
88	1,205	-	-	-

(3,831)	(5,515)	(1,773)	(1,563)	(1,968)
401	413	440	458	460
0	(0)	(0)	0	(0)
-	-	-	-	-
(676)	(732)	(698)	(676)	(560)
1,472	1,190	1,763	1,763	1,661
(63)	(61)	(69)	(69)	(284)
1,915	1,999	(831)	(751)	(732)
(694)	(1,502)	(1,168)	(838)	(1,423)

Sample:

Mean

Installed capacity (MW) allocated to WA

mult years	Plexos Resource	Category
0	BIO.QF.NCA._.SML.Roseburg - Weed	Contracts Small QF
0	BIO.QF.PNC._.SML.Finley Bio	Contracts Small QF
0	BIO.QF.SOR._.___.BioOne	Contract
0	BIO.QF.SOR._.SML.Roseburg LFG	Contracts Small QF
0	CL_.Ex.BDG._._24.JimBridger 1 GC	Coal
0	CL_.Ex.BDG._._24.JimBridger 2 GC	Coal
0	CL_.Ex.COL._.___.Craig 1	Coal
0	CL_.Ex.COL._.___.Craig 2	Coal
0	CL_.Ex.COL._.___.Hayden 1	Coal
0	CL_.Ex.COL._.___.Hayden 2	Coal
0	CL_.Ex.MTA._.___.Colstrip 3	Coal
0	CL_.Ex.MTA._.___.Colstrip 4	Coal
0	CL_.Ex.UTN._._25.Naughton 1	Coal
0	CL_.Ex.UTN._._25.Naughton 2	Coal
0	CL_.Ex.UTS._.___.Huntington 1	Coal
0	CL_.Ex.UTS._.___.Huntington 2	Coal
0	CL_.Ex.WYE._.___.DaveJohnston 1	Coal
0	CL_.Ex.WYE._.___.DaveJohnston 2	Coal
0	CL_.Ex.WYE._.___.DaveJohnston 3	Coal
0	CL_.Ex.WYE._.___.DaveJohnston 4	Coal
0	GCC.Ex.CHE._.___.Chehalis	Gas
0	GCC.Ex.CLV._.___.Currant Creek	Gas
0	GCC.EX.HRM._.___.Hermiston	Gas
0	GCC.EX.UTN._.___.Lakeside 1	Gas
0	GCC.EX.UTN._.___.Lakeside 2	Gas
0	GCV.PL.UTN._.___.Naughton 3	Gas
0	GEO.EX.UTS._.___.Blundell	Geothermal
0	GEO.QF.GOE._.SML.BYU-Idaho	Contracts Small QF
0	GEO.QF.SOR._.SML.OIT	Contracts Small QF
0	GSC.EX.UTN._.___.Gadsby 1	Gas
0	GSC.EX.UTN._.___.Gadsby 2	Gas
0	GSC.EX.UTN._.___.Gadsby 3	Gas
0	GSC.EX.UTN._.___.Gadsby 4	Gas
0	GSC.EX.UTN._.___.Gadsby 5	Gas
0	GSC.EX.UTN._.___.Gadsby 6	Gas
0	HY_.EX.COR._.SMW.Bend	Hydro
0	HY_.EX.MTA._.SME.Bigfork	Hydro
0	HY_.EX.PNC._.LEW.Swift 1	Hydro
0	HY_.EX.PNC._.LEW.Swift 2	Hydro
0	HY_.EX.PNC._.LEW.Yale	Hydro
0	HY_.EX.PNC._.LEW_.Merwin	Hydro
0	HY_.EX.SOR._.KLM.Copco 1	Hydro
0	HY_.EX.SOR._.KLM.Copco 2	Hydro
0	HY_.EX.SOR._.KLM.Iron Gate	Hydro
0	HY_.EX.SOR._.KLM.JC Boyle	Hydro
0	HY_.EX.SOR._.NUR.Clear Water 1	Hydro
0	HY_.EX.SOR._.NUR.Clear Water 2	Hydro
0	HY_.EX.SOR._.NUR.Fish Creek	Hydro
0	HY_.EX.SOR._.NUR.Lemolo 1	Hydro

0	HY_.EX.SOR._.NUR.Lemolo 2	Hydro
0	HY_.EX.SOR._.NUR.Slide Creek	Hydro
0	HY_.EX.SOR._.NUR.Soda Springs	Hydro
0	HY_.EX.SOR._.NUR.Toketee	Hydro
0	HY_.EX.SOR._.ROG.Eagle Point	Hydro
0	HY_.EX.SOR._.ROG.Prospect 1	Hydro
0	HY_.EX.SOR._.ROG.Prospect 2	Hydro
0	HY_.EX.SOR._.ROG.Prospect 3	Hydro
0	HY_.EX.SOR._.ROG.Prospect 4	Hydro
0	HY_.EX.UID._.SME.Ashton	Hydro
0	HY_.EX.UTN._.BER.Cutler	Hydro
0	HY_.EX.UTN._.BER.Grace	Hydro
0	HY_.EX.UTN._.BER.Lifton	Hydro
0	HY_.EX.UTN._.BER.Oneida	Hydro
0	HY_.EX.UTN._.BER.Soda	Hydro
0	HY_.EX.UTS._.SME.PCMN	Hydro
0	HY_.EX.UTS._.SME.PCMS	Hydro
0	HY_.EX.WMV._.SMW.Fall Creek	Hydro
0	HY_.EX.WOR._.SMW.Wallowa Falls	Hydro
0	HY_.PC.GOE._.___.Gem State	Hydro
0	HY_.PC.MDC._.___.Mid Columbia - Priest Rapids	Hydro
0	HY_.QF.COR._.SML.Central Oregon Irrigation	Contracts Small QF
0	HY_.QF.COR._.SML.Dorena	Contracts Small QF
0	HY_.QF.COR._.SML.EBD	Contracts Small QF
0	HY_.QF.COR._.SML.Juniper Ridge	Contracts Small QF
0	HY_.QF.COR._.SML.Monroe	Contracts Small QF
0	HY_.QF.COR._.SML.Swalley	Contracts Small QF
0	HY_.QF.COR._.SML.Three Sister	Contracts Small QF
0	HY_.QF.GOE._.SML.BellM Jake Army	Contracts Small QF
0	HY_.QF.GOE._.SML.BellM Sorenson	Contracts Small QF
0	HY_.QF.GOE._.SML.CDM	Contracts Small QF
0	HY_.QF.GOE._.SML.Dry Creek	Contracts Small QF
0	HY_.QF.GOE._.SML.Ingram Warm Springs	Contracts Small QF
0	HY_.QF.GOE._.SML.Nicholson Sunnybar	Contracts Small QF
0	HY_.QF.GOE._.SML.OJ Power	Contracts Small QF
0	HY_.QF.GOE._.SML.St. Anthony	Contracts Small QF
0	HY_.QF.NCA._.SML.Bogus Creek	Contracts Small QF
0	HY_.QF.NCA._.SML.SLATE CREEK	Contracts Small QF
0	HY_.QF.PNC._.SML.Astoria	Contracts Small QF
0	HY_.QF.PNC._.SML.Farmers Irrigation	Contracts Small QF
0	HY_.QF.PNC._.SML.Middlefork Irrigation	Contracts Small QF
0	HY_.QF.PNC._.SML.Portland Water Bureau	Contracts Small QF
0	HY_.QF.SOR._.SML.C-Drop	Contracts Small QF
0	HY_.QF.SOR._.SML.Eagle Point	Contracts Small QF
0	HY_.QF.SOR._.SML.Galesville Dam	Contracts Small QF
0	HY_.QF.SOR._.SML.Mountain Energy	Contracts Small QF
0	HY_.QF.SOR._.SML.NORTH FORK SPRAGUE	Contracts Small QF
0	HY_.QF.UTN._.SML.Consolidated Irrigation	Contracts Small QF
0	HY_.QF.UTN._.SML.Draper Irrigation	Contracts Small QF
0	HY_.QF.UTN._.SML.Georgetown Power	Contracts Small QF
0	HY_.QF.UTN._.SML.Marsh Valley	Contracts Small QF

0	HY_.QF.UTN._.SML.Mink Creek	Contracts Small QF
0	HY_.QF.UTN._.SML.Preston	Contracts Small QF
0	HY_.QF.UTS._.SML.Cottonwood Lower	Contracts Small QF
0	HY_.QF.UTS._.SML.Cottonwood Upper	Contracts Small QF
0	HY_.QF.UTS._.SML.Thayn Ranch	Contracts Small QF
0	HY_.QF.WMV._.SML.City of Albany	Contracts Small QF
0	HY_.QF.WMV._.SML.Lacomb Irrigation	Contracts Small QF
0	HY_.QF.WYN._.SML.City of Buffalo	Contracts Small QF
0	HYS.PX.YAK._._PS.BM	New Hydro Storage
0	INT.EX.UTN._.___.MagCorp Interruptible	Contract Interruptible
0	INT.EX.UTN._.___.Monsanto Curtailment	Contract Interruptible
0	INT.EX.UTN._.___.Nucor Interruptible	Contract Interruptible
0	INT.EX.UTN._.RES.Monsanto Operating Reserve	Contract Interruptible
0	LTC.PC.4CR._.___.APS, In 4 Corners	Contract Exchange
0	LTC.PC.MNA._.___.Deseret	Contract
0	LTC.PC.SOR._.___.PGE Cove	Contract
0	LTC.SL.BDG._.___.BlackHills to Jim Bridger	Contract
0	LTC.SL.MDC._.___.BlackHills to MidC	Contract
0	LTC.SL.PNC._.___.Cowlitz	Contract
0	LTC.SL.SOR._.___.Foote Creek I - BPA	Contract
0	LTC.SL.SOR._.___.Foote Creek I - EWEB	Contract
0	LTC.SL.UTS._.___.BlackHills to Utah South	Contract
0	LTC.SL.WYE._.___.BlackHills Loss	Contract
0	LTC.SL.WYE._.___.BlackHills to Wyoming NE	Contract
0	NOR.EX.GOE._.RES.	Contract NonOwned Res
0	NOR.EX.GOE._.RES.Offset	Contract NonOwned Res
0	NOR.EX.SOR._.RES.	Contract NonOwned Res
0	NOR.EX.SOR._.RES.Offset	Contract NonOwned Res
0	NOR.EX.UTS._.RES.	Contract NonOwned Res
0	NOR.EX.UTS._.RES.Offset	Contract NonOwned Res
0	NOR.EX.WWA._.RES.	Contract NonOwned Res
0	NOR.EX.WWA._.RES.Offset	Contract NonOwned Res
0	NUC.PX.BDG._.___.Sm Adv Bridger	New Nuclear
0	NUC.PX.UTN._.___.Sm Adv Naughton	New Nuclear
0	PV_.EX.COR.H.FB_.Prineville	Solar
0	PV_.EX.UTN._.UU.Castle Solar	Solar
0	PV_.EX.UTS._.UVU.Elektron Solar 20Yr	Solar
0	PV_.EX.UTS._.UVU.Elektron Solar 25Yr	Solar
0	PV_.EX.UTS.H.___.Pavant III LLC	Solar
0	PV_.EX.UTS.H.FB_.Cove Mountain	Solar
0	PV_.EX.UTS.H.FB_.Hunter	Solar
0	PV_.EX.UTS.H.FB_.Milford	Solar
0	PV_.EX.UTS.H.FB_.Sigurd	Solar
0	PV_.PC.SOR.H.___.Black Cap	Solar
0	PV_.PC.SOR.H.___.Old Mill	Solar
0	PV_.PC.SOR.H.___.Oregon Solar Incentive Projec	Solar
0	PV_.PC.SOR.H.___.Skyol	Solar
0	PV_.PC.UTN._.FB_.Appaloosa Solar IA	Solar
0	PV_.PC.UTN._.FB_.Appaloosa Solar IB	Solar
0	PV_.PC.UTN.H.___.Graphite	Solar
0	PV_.PC.UTN.H.___.HorseShoe	Solar

0	PV_.PC.UTN.H.___.Rocket	Solar
0	PV_.PC.UTS.H.___.Cove Mtn II	Solar
0	PV_.PX.UTS._.RFP.Glen Canyon Solar-805a_P	New Solar, Solar + Storag
0	PV_.QF.COR._.___.Tumbleweed	Contracts Small QF
0	PV_.QF.PNC._.___.Adams	Contracts Small QF
0	PV_.QF.PNC._.___.Elbe	Contracts Small QF
0	PV_.QF.SOR._.___.BearCreek	Contracts Small QF
0	PV_.QF.SOR._.___.Black Cap II	Contracts Small QF
0	PV_.QF.SOR._.___.Bly	Contracts Small QF
0	PV_.QF.SOR._.___.Captain Jack	Solar
0	PV_.QF.SOR._.___.Ivory	Contracts Small QF
0	PV_.QF.SOR._.___.Merrill	Contracts Small QF
0	PV_.QF.SOR._.___.NW2_Neff	Contracts Small QF
0	PV_.QF.SOR._.___.NW4_Bonanza	Contracts Small QF
0	PV_.QF.SOR._.___.NW7_EaglePoint	Contracts Small QF
0	PV_.QF.SOR._.___.NW9_Pendleton	Contracts Small QF
0	PV_.QF.SOR._.___.OR1_SpragRiver	Contracts Small QF
0	PV_.QF.SOR._.___.OR2_AgateBay	Contracts Small QF
0	PV_.QF.SOR._.___.OR3_TurkeyHill	Contracts Small QF
0	PV_.QF.SOR._.___.OR5_Merril	Contracts Small QF
0	PV_.QF.SOR._.___.OR6_Lakeview	Contracts Small QF
0	PV_.QF.SOR._.___.OR7_Jacksonville	Contracts Small QF
0	PV_.QF.SOR._.___.OR8_Dairy	Contracts Small QF
0	PV_.QF.SOR._.___.OSLHCollier	Contracts Small QF
0	PV_.QF.TRO.H.___.Sage I	Solar
0	PV_.QF.TRO.H.___.Sage II	Solar
0	PV_.QF.TRO.H.___.Sage III	Solar
0	PV_.QF.TRO.H.___.Sweetwater	Solar
0	PV_.QF.UTS._.___.Beryl	Contracts Small QF
0	PV_.QF.UTS._.___.Buckhorn	Contracts Small QF
0	PV_.QF.UTS._.___.CedarValley	Contracts Small QF
0	PV_.QF.UTS._.___.Chiloquin	Contracts Small QF
0	PV_.QF.UTS._.___.Ewauna	Contracts Small QF
0	PV_.QF.UTS._.___.EwaunaII	Contracts Small QF
0	PV_.QF.UTS._.___.GranitePeak	Contracts Small QF
0	PV_.QF.UTS._.___.Greenville	Contracts Small QF
0	PV_.QF.UTS._.___.Laho	Contracts Small QF
0	PV_.QF.UTS._.___.Milford2	Contracts Small QF
0	PV_.QF.UTS._.___.MilfordFlat	Contracts Small QF
0	PV_.QF.UTS._.___.QuichapaI	Contracts Small QF
0	PV_.QF.UTS._.___.QuichapaII	Contracts Small QF
0	PV_.QF.UTS._.___.QuichapaIII	Contracts Small QF
0	PV_.QF.UTS._.___.SouthMilford	Contracts Small QF
0	PV_.QF.UTS._.___.SunE1	Contracts Small QF
0	PV_.QF.UTS._.___.SunE2	Contracts Small QF
0	PV_.QF.UTS._.___.SunE3	Contracts Small QF
0	PV_.QF.UTS._.___.Woodline	Contracts Small QF
0	PV_.QF.UTS.H.___.Enterprise	Solar
0	PV_.QF.UTS.H.___.Escalante I	Solar
0	PV_.QF.UTS.H.___.Escalante II	Solar
0	PV_.QF.UTS.H.___.Escalante III	Solar

0	PV_.QF.UTS.H.___.Granite Mountain - East	Solar
0	PV_.QF.UTS.H.___.Granite Mountain - West	Solar
0	PV_.QF.UTS.H.___.Iron Springs	Solar
0	PV_.QF.UTS.H.___.Pavant	Solar
0	PV_.QF.UTS.H.___.Pavant II LLC	Solar
0	PV_.QF.UTS.H.___.Red Hill	Solar
0	PV_.QF.UTS.H.___.Three Peaks	Solar
0	PVS.PX.BOR._.002.PV	New Solar, Solar + Storag
0	PVS.PX.COR._.___.PV	New Solar, Solar + Storag
0	PVS.PX.SOR._.___.PV	New Solar, Solar + Storag
0	PVS.PX.SOR._.RFP.Hamaker-905__P	New Solar, Solar + Storag
0	PVS.PX.SOR._.RFP.Hayden 2-906__P	New Solar, Solar + Storag
0	PVS.PX.SOR.C.___.PV 2028	New Solar, Solar + Storag
0	PVS.PX.UTN._.___.PV	New Solar, Solar + Storag
0	PVS.PX.UTN._.RFP.Rocket Solar-862d_P	New Solar, Solar + Storag
0	PVS.PX.UTS._.___.PV	New Solar, Solar + Storag
0	PVS.PX.UTS._.RFP.Fremont Solar-634b_P	New Solar, Solar + Storag
0	PVS.PX.UTS._.RFP.Green River-787c_P	New Solar, Solar + Storag
0	PVS.PX.UTS._.RFP.HORNSHADOW SOLAR I-777a	New Solar, Solar + Storag
0	PVS.PX.UTS._.RFP.HORNSHADOW SOLAR II-778f	New Solar, Solar + Storag
0	PVS.PX.UTS._.RFP.Parowan Solar-642__P	New Solar, Solar + Storag
0	PVS.PX.UTS._.RFP.Rush Lake Solar-636b_P	New Solar, Solar + Storag
2	PVS.PX.YAK._.___.PV	New Solar, Solar + Storag
0	THM.QF.GOE._.SML.Cargill	Contracts Small QF
0	THM.QF.PNC._.SML.Farm Misty Meadows	Contracts Small QF
0	THM.QF.SOR._.SML.Oregon Environmental	Contracts Small QF
0	THM.QF.TRO._.SML.Tata Chemical	Contracts Small QF
0	THM.QF.UTN._.___.Tesoro	Contract
0	THM.QF.UTS._.___.Sunnyside Additional	Contract
0	THM.QF.UTS._.___.Sunnyside Base	Contract
0	THM.QF.UTS._.SML.Hill AFB	Contracts Small QF
0	THM.QF.UTS._.SML.Weber County	Contracts Small QF
0	THM.QF.WMV._.SML.RES Ag-Oak Lea BG	Contracts Small QF
0	THM.QF.WMV._.SML.Stahlbush	Contracts Small QF
0	THM.QF.WWA._.SML.TMF BioF	Contracts Small QF
0	WD_.EX.WWA.H.REP.Marengo I	Wind
0	WD_.EX.WWA.H.REP.Marengo II	Wind
0	WD_.EX.WWA.H.RES.Seattle City & Light	Wind
0	WD_.EX.WYE.H.___.Cedar Creek 2	Wind
0	WD_.EX.WYE.H.___.Cedar Springs III	Wind
0	WD_.EX.WYE.H.___.Ekola Flats 1	Wind
0	WD_.EX.WYE.H.___.TB Flats 3	Wind
0	WD_.EX.WYE.H.REP.Dunlap 1	Wind
0	WD_.EX.WYE.H.REP.Foote Creek I	Wind
0	WD_.EX.WYE.H.REP.Glenrock I	Wind
0	WD_.EX.WYE.H.REP.Glenrock III	Wind
0	WD_.EX.WYE.H.REP.High Plains	Wind
0	WD_.EX.WYE.H.REP.McFadden Ridge 1	Wind
0	WD_.EX.WYE.H.REP.Rolling Hills	Wind
0	WD_.EX.WYE.H.REP.Seven Mile Hill	Wind
0	WD_.EX.WYE.H.REP.Seven Mile Hill II	Wind

0	WD_.EX.WYN.H.___.Pryor Mountain	Wind
0	WD_.EX.Yak.H.REP.Goodnoe Hills East	Wind
0	WD_.EX.Yak.H.REP.Leaning Juniper	Wind
0	WD_.PC.GOE.H.___.Wolverine Creek	Wind
0	WD_.PC.WWA.H.___.Combine Hills	Wind
0	WD_.PC.WWA.H.___.Seattle City & Light	Wind
0	WD_.PC.WYE.H.___.Three Buttes Power (Duke)	Wind
0	WD_.PC.WYE.H.___.Top of the World	Wind
0	WD_.PX.GOE._.RFP.Cedar Creek-255__P	New Wind, Wind + Storag
0	WD_.PX.PNC._.___.WD	New Wind, Wind + Storag
0	WD_.PX.PNC._.006.WD	New Wind, Wind + Storag
0	WD_.PX.WMV._.006.WD	New Wind, Wind + Storag
3	WD_.PX.WYE._.___.Djohns.WD	New Wind, Wind + Storag
0	WD_.PX.WYE._.___.WD	New Wind, Wind + Storag
0	WD_.PX.WYE._.REP.FCII-IV	Wind
0	WD_.PX.WYE._.REP.RockR	Wind
0	WD_.PX.WYE._.RFP.Anticline-785__P	New Wind, Wind + Storag
0	WD_.PX.WYE._.RFP.Boswell-409a__P	New Wind, Wind + Storag
0	WD_.PX.WYE._.RFP.Cedar Springs-713c_P	New Wind, Wind + Storag
0	WD_.PX.WYE._.RFP.Rock Creek-1131aB	New Wind, Wind + Storag
0	WD_.PX.WYE._.RFP.Rock Creek-835a_B	New Wind, Wind + Storag
0	WD_.PX.WYE._.RFP.Two Rivers-719c_P	New Wind, Wind + Storag
0	WD_.QF.GOE.H.___.Meadow Creek Project Five	Wind
0	WD_.QF.GOE.H.___.North Point	Wind
0	WD_.QF.PNC._.___.Mariah	Contracts Small QF
0	WD_.QF.PNC._.___.Orem Family	Contracts Small QF
0	WD_.QF.UTN.H.___.Mountain Power I	Wind
0	WD_.QF.UTN.H.___.Mountain Power II	Wind
0	WD_.QF.UTN.H.___.Power County	Wind
0	WD_.QF.UTN.H.___.Power County Park North	Wind
0	WD_.QF.UTN.H.___.Spanish Fork Park 2	Wind
0	WD_.QF.UTN.H.___.Tooele	Wind
0	WD_.QF.UTS.H.___.Latigo	Wind
0	WD_.QF.WWA._.___.Big Top ORWF	Contracts Small QF
0	WD_.QF.WWA._.___.Butter Creek Power ORWF	Contracts Small QF
0	WD_.QF.WWA._.___.Chopin	Contracts Small QF
0	WD_.QF.WWA._.___.Four Corners ORWF	Contracts Small QF
0	WD_.QF.WWA._.___.Four Mile Canyon ORWF	Contracts Small QF
0	WD_.QF.WWA._.___.Oregon Trail ORWF	Contracts Small QF
0	WD_.QF.WWA._.___.Pacific Canyon ORWF	Contracts Small QF
0	WD_.QF.WWA._.___.Sand Ranch ORWF	Contracts Small QF
0	WD_.QF.WWA._.___.Three Mile Canyon	Contracts Small QF
0	WD_.QF.WWA._.___.Wagon Trail ORWF	Contracts Small QF
0	WD_.QF.WWA._.___.Ward Butte ORWF	Contracts Small QF
0	WD_.QF.WWA.H.___.Orchard	Wind
0	WD_.QF.WYE.H.___.Pioneer Park I	Wind
0	WD_.QF.WYN._.SML.BLM Rawlins	Contracts Small QF
0	WD_.SL.MDC._.___.Seattle City & Light	Contract Exchange
0	XSC.PX.BDG._.___.Jim Bridger - Non-E	New Non-emitting Peakir
0	XSC.PX.HRM._.___.Non-E	New Non-emitting Peakir
0	XSC.PX.UTN._.___.Non-E	New Non-emitting Peakir

0	XSC.PX.UWY._.___.Naughton - Non-E	New Non-emitting Peakir
0	XSC.PX.WYE._.___.Wyodak - Non-E	New Non-emitting Peakir
0	CL_.Ex.BDG._._25.JimBridger 3	Coal
0	CL_.Ex.BDG._._30.JimBridger 4	Coal
0	CL_.Ex.UTS._._23.Hunter 1	Coal
0	CL_.Ex.UTS._._24.Hunter 2	Coal
0	CL_.Ex.UTS._._25.Hunter 3	Coal
0	CL_.Ex.WYE._._31.Wyodak	Coal
0	PVS.PX.UTS._.002.Hunter.PV	New Solar, Solar + Storag
0	WD_.PX.BDG._.006.Jim Bridger.WD	New Wind, Wind + Storag
0	XSC.PX.WYE._.___.Djohns - Non-E	New Non-emitting Peakir
0	WD_.PX.SOR._.___.WD	New Wind, Wind + Storag
0	XSC.PX.WMV._.___.Willamette - Non-E	New Non-emitting Peakir
0	PVS.PX.UTS._.___.Huntington.PV	New Solar, Solar + Storag
0	PVS.PX.BDG._.___.Jim Bridger.PV	New Solar, Solar + Storag

Batteries	Plexos Resource	Category
0	BAT.EX.UTS._.___.Panguitch	New Stand Alone
0	BAT.PX.BDG._.___.SM Nuclear Bridger	New Nuclear Storage
0	BAT.PX.PNC._.___.Lithium-ion	New Stand Alone
0	BAT.PX.SOR._.RFP.Hamaker-905__P	New PVS Batteries
0	BAT.PX.SOR._.RFP.Hayden 2-906__P	New PVS Batteries
0	BAT.PX.UTN._.___.SM Nuclear Naughton	New Nuclear Storage
0	BAT.PX.UTN._.RFP.Dominguez-1175bT	New Stand Alone
0	BAT.PX.UTN._.RFP.Rocket Solar-862d_P	New PVS Batteries
0	BAT.PX.UTS._.RFP.Fremont Solar-634b_P	New PVS Batteries
0	BAT.PX.UTS._.RFP.Green River-787c_P	New PVS Batteries
0	BAT.PX.UTS._.RFP.HORNSHADOW SOLAR I-777a	New PVS Batteries
0	BAT.PX.UTS._.RFP.HORNSHADOW SOLAR II-778	New PVS Batteries
0	BAT.PX.UTS._.RFP.Parowan Solar-642__P	New PVS Batteries
0	BAT.PX.UTS._.RFP.Rush Lake Solar-636b_P	New PVS Batteries
0	BAT.PX.WYE._.___.DJ+Wyodak	New Stand Alone
0	PVS.PX.BOR._.002.BAT	New PVS Batteries
0	PVS.PX.COR._.___.BAT	New PVS Batteries
0	PVS.PX.SOR._.___.BAT	New PVS Batteries
0	PVS.PX.SOR.C.___.BAT 2028	New PVS Batteries
0	PVS.PX.UTN._.___.BAT	New PVS Batteries
0	PVS.PX.UTS._.___.BAT	New PVS Batteries
1	PVS.PX.YAK._.___.BAT	New PVS Batteries
0	PVS.PX.UTS._.002.Hunter.BAT	New PVS Batteries
0	PVS.PX.UTS._.___.Huntington.BAT	New PVS Batteries
0	PVS.PX.BDG._.___.Jim Bridger.BAT	New PVS Batteries

DSM	Plexos Resources	Category
	DRS.EX.GOE._.___.Irrigation	DSM
	DRS.EX.UTN._.___.Cool Keeper	DSM
	DRS.EX.UTN._.___.Irrigation	DSM

DRS.PX.GOE._.CI_.Battery DLC	New DSM DR
DRS.PX.GOE._.CI_.Grid Interactive Water Htr	New DSM DR
DRS.PX.GOE._.CI_.Smart Thermostats	New DSM DR
DRS.PX.GOE._.IRR.Irrigation DLC	New DSM DR
DRS.PX.GOE._.RES.Battery DLC	New DSM DR
DRS.PX.GOE._.RES.EV DLC	New DSM DR
DRS.PX.GOE._.RES.Grid Interactive Water Htr	New DSM DR
DRS.PX.GOE._.RES.HVAC - DLC	New DSM DR
DRS.PX.GOE._.RES.Water Heater - DLC	New DSM DR
DRS.PX.GOE._.RFP.ID, Act-Battery	New DSM RFP DR
DRS.PX.GOE._.RFP.ID, Curtailment - CPower Ene	New DSM RFP DR
DRS.PX.GOE._.RFP.ID, Passive-Battery	New DSM RFP DR
DRS.PX.NCA._.CI_.Battery DLC	New DSM DR
DRS.PX.NCA._.CI_.Grid Interactive Water Htr	New DSM DR
DRS.PX.NCA._.CI_.HVAC - DLC	New DSM DR
DRS.PX.NCA._.CI_.Smart Thermostats	New DSM DR
DRS.PX.NCA._.IRR.Irrigation DLC	New DSM DR
DRS.PX.NCA._.RES.Battery DLC	New DSM DR
DRS.PX.NCA._.RES.EV DLC	New DSM DR
DRS.PX.NCA._.RES.Grid Interactive Water Htr	New DSM DR
DRS.PX.NCA._.RES.Home Energy Mgmt Sys	New DSM DR
DRS.PX.NCA._.RES.HVAC - DLC	New DSM DR
DRS.PX.NCA._.RES.Smart Thermostats	New DSM DR
DRS.PX.NCA._.RES.Water Heater - DLC	New DSM DR
DRS.PX.NCA._.RFP.CA, Act-Battery	New DSM RFP DR
DRS.PX.NCA._.RFP.CA, Curtailment - CPower Ene	New DSM RFP DR
DRS.PX.NCA._.RFP.CA, Passive-Battery	New DSM RFP DR
DRS.PX.NCA._.RFP.CA, Thermostat - Ademco, In	New DSM RFP DR
DRS.PX.SOR._.CI_.3 Party	New DSM DR
DRS.PX.SOR._.CI_.Battery DLC	New DSM DR
DRS.PX.SOR._.CI_.Grid Interactive Water Htr	New DSM DR
DRS.PX.SOR._.CI_.HVAC - DLC	New DSM DR
DRS.PX.SOR._.CI_.Pool Pump - DLC	New DSM DR
DRS.PX.SOR._.CI_.Smart Thermostats	New DSM DR
DRS.PX.SOR._.CI_.Water Heater - DLC	New DSM DR
DRS.PX.SOR._.IRR.Irrigation DLC	New DSM DR
DRS.PX.SOR._.RES.Battery DLC	New DSM DR
DRS.PX.SOR._.RES.EV DLC	New DSM DR
DRS.PX.SOR._.RES.Grid Interactive Water Htr	New DSM DR
DRS.PX.SOR._.RES.Home Energy Mgmt Sys	New DSM DR
DRS.PX.SOR._.RES.HVAC - DLC	New DSM DR
DRS.PX.SOR._.RES.Smart Thermostats	New DSM DR
DRS.PX.SOR._.RES.Water Heater - DLC	New DSM DR
DRS.PX.SOR._.RFP.CAOR, Ancillary Services	New DSM RFP DR
DRS.PX.SOR._.RFP.OR, Act-Battery	New DSM RFP DR
DRS.PX.SOR._.RFP.OR, BYOT, Energy Hub	New DSM RFP DR
DRS.PX.SOR._.RFP.OR, Curtailment - CPower Ene	New DSM RFP DR
DRS.PX.SOR._.RFP.OR, Irrigate - BPL	New DSM RFP DR
DRS.PX.SOR._.RFP.OR, Passive-Battery	New DSM RFP DR
DRS.PX.SOR._.RFP.OR, Wtr Heater, OATI	New DSM RFP DR
DRS.PX.UTN._.CI_.3 Party	New DSM DR

DRS.PX.UTN._.CI_.Battery DLC	New DSM DR
DRS.PX.UTN._.CI_.Grid Interactive Water Htr	New DSM DR
DRS.PX.UTN._.CI_.HVAC - DLC	New DSM DR
DRS.PX.UTN._.CI_.Pool Pump - DLC	New DSM DR
DRS.PX.UTN._.CI_.Smart Thermostats	New DSM DR
DRS.PX.UTN._.CI_.Water Heater - DLC	New DSM DR
DRS.PX.UTN._.IRR.Irrigation DLC	New DSM DR
DRS.PX.UTN._.RES.Battery DLC	New DSM DR
DRS.PX.UTN._.RES.EV DLC	New DSM DR
DRS.PX.UTN._.RES.Grid Interactive Water Htr	New DSM DR
DRS.PX.UTN._.RES.HVAC - DLC	New DSM DR
DRS.PX.UTN._.RES.Water Heater - DLC	New DSM DR
DRS.PX.UTN._.RFP.UT, Act-Battery	New DSM RFP DR
DRS.PX.UTN._.RFP.UT, C&I - Expansion	New DSM RFP DR
DRS.PX.UTN._.RFP.UT, Curtailment - CPower Ene	New DSM RFP DR
DRS.PX.UTN._.RFP.UT, Passive-Battery	New DSM RFP DR
DRS.PX.WYC._.CI_.3 Party	New DSM DR
DRS.PX.WYC._.CI_.Battery DLC	New DSM DR
DRS.PX.WYC._.CI_.Grid Interactive Water Htr	New DSM DR
DRS.PX.WYC._.CI_.Smart Thermostats	New DSM DR
DRS.PX.WYC._.CI_.Water Heater - DLC	New DSM DR
DRS.PX.WYC._.IRR.Irrigation DLC	New DSM DR
DRS.PX.WYC._.RES.Battery DLC	New DSM DR
DRS.PX.WYC._.RES.EV DLC	New DSM DR
DRS.PX.WYC._.RES.Grid Interactive Water Htr	New DSM DR
DRS.PX.WYC._.RES.HVAC - DLC	New DSM DR
DRS.PX.WYC._.RES.Water Heater - DLC	New DSM DR
DRS.PX.WYC._.RFP.WY, Act-Battery	New DSM RFP DR
DRS.PX.WYC._.RFP.WY, Curtailment - CPower Er	New DSM RFP DR
DRS.PX.WYC._.RFP.WY, Passive-Battery	New DSM RFP DR
DRS.PX.YAK._.CI_.3 Party	New DSM DR
DRS.PX.YAK._.CI_.Battery DLC	New DSM DR
DRS.PX.YAK._.CI_.Grid Interactive Water Htr	New DSM DR
DRS.PX.YAK._.CI_.HVAC - DLC	New DSM DR
DRS.PX.YAK._.CI_.Smart Thermostats	New DSM DR
DRS.PX.YAK._.CI_.Water Heater - DLC	New DSM DR
DRS.PX.YAK._.IRR.Irrigation DLC	New DSM DR
DRS.PX.YAK._.RES.Battery DLC	New DSM DR
DRS.PX.YAK._.RES.EV DLC	New DSM DR
DRS.PX.YAK._.RES.Grid Interactive Water Htr	New DSM DR
DRS.PX.YAK._.RES.Home Energy Mgmt Sys	New DSM DR
DRS.PX.YAK._.RES.HVAC - DLC	New DSM DR
DRS.PX.YAK._.RES.Smart Thermostats	New DSM DR
DRS.PX.YAK._.RES.Water Heater - DLC	New DSM DR
DRS.PX.YAK._.RFP.WA, Act-Battery	New DSM RFP DR
DRS.PX.YAK._.RFP.WA, Agr C&I - Eaton	New DSM RFP DR
DRS.PX.YAK._.RFP.WA, BYOT, Energy Hub	New DSM RFP DR
DRS.PX.YAK._.RFP.WA, Curtailment - CPower En	New DSM RFP DR
DRS.PX.YAK._.RFP.WA, Irrigate - BPL	New DSM RFP DR
DRS.PX.YAK._.RFP.WA, Passive-Battery	New DSM RFP DR
DRS.PX.YAK._.RFP.WA, Wtr Heater, OATI	New DSM RFP DR

DRW.PX.GOE._.CI_.Battery DLC	New DSM DR
DRW.PX.GOE._.CI_.Grid Interactive Water Htr	New DSM DR
DRW.PX.GOE._.CI_.Smart Thermostats	New DSM DR
DRW.PX.GOE._.RES.Battery DLC	New DSM DR
DRW.PX.GOE._.RES.EV DLC	New DSM DR
DRW.PX.GOE._.RES.Grid Interactive Water Htr	New DSM DR
DRW.PX.GOE._.RES.HVAC - DLC	New DSM DR
DRW.PX.GOE._.RES.Water Heater - DLC	New DSM DR
DRW.PX.NCA._.CI_.Battery DLC	New DSM DR
DRW.PX.NCA._.CI_.Grid Interactive Water Htr	New DSM DR
DRW.PX.NCA._.CI_.Smart Thermostats	New DSM DR
DRW.PX.NCA._.CI_.Water Heater - DLC	New DSM DR
DRW.PX.NCA._.RES.Battery DLC	New DSM DR
DRW.PX.NCA._.RES.EV DLC	New DSM DR
DRW.PX.NCA._.RES.Grid Interactive Water Htr	New DSM DR
DRW.PX.NCA._.RES.Home Energy Mgmt Sys	New DSM DR
DRW.PX.NCA._.RES.HVAC - DLC	New DSM DR
DRW.PX.NCA._.RES.Smart Thermostats	New DSM DR
DRW.PX.NCA._.RES.Water Heater - DLC	New DSM DR
DRW.PX.SOR._.CI_.3 Party	New DSM DR
DRW.PX.SOR._.CI_.Battery DLC	New DSM DR
DRW.PX.SOR._.CI_.Grid Interactive Water Htr	New DSM DR
DRW.PX.SOR._.CI_.HVAC - DLC	New DSM DR
DRW.PX.SOR._.CI_.Pool Pump - DLC	New DSM DR
DRW.PX.SOR._.CI_.Smart Thermostats	New DSM DR
DRW.PX.SOR._.CI_.Water Heater - DLC	New DSM DR
DRW.PX.SOR._.RES.Battery DLC	New DSM DR
DRW.PX.SOR._.RES.EV DLC	New DSM DR
DRW.PX.SOR._.RES.Grid Interactive Water Htr	New DSM DR
DRW.PX.SOR._.RES.Home Energy Mgmt Sys	New DSM DR
DRW.PX.SOR._.RES.HVAC - DLC	New DSM DR
DRW.PX.SOR._.RES.Smart Thermostats	New DSM DR
DRW.PX.SOR._.RES.Water Heater - DLC	New DSM DR
DRW.PX.UTN._.CI_.3 Party	New DSM DR
DRW.PX.UTN._.CI_.Battery DLC	New DSM DR
DRW.PX.UTN._.CI_.Grid Interactive Water Htr	New DSM DR
DRW.PX.UTN._.CI_.HVAC - DLC	New DSM DR
DRW.PX.UTN._.CI_.Pool Pump - DLC	New DSM DR
DRW.PX.UTN._.CI_.Smart Thermostats	New DSM DR
DRW.PX.UTN._.CI_.Water Heater - DLC	New DSM DR
DRW.PX.UTN._.RES.Battery DLC	New DSM DR
DRW.PX.UTN._.RES.EV DLC	New DSM DR
DRW.PX.UTN._.RES.HVAC - DLC	New DSM DR
DRW.PX.UTN._.RES.Water Heater - DLC	New DSM DR
DRW.PX.WYC._.CI_.Battery DLC	New DSM DR
DRW.PX.WYC._.CI_.Pool Pump - DLC	New DSM DR
DRW.PX.WYC._.CI_.Smart Thermostats	New DSM DR
DRW.PX.WYC._.RES.Battery DLC	New DSM DR
DRW.PX.WYC._.RES.EV DLC	New DSM DR
DRW.PX.WYC._.RES.HVAC - DLC	New DSM DR
DRW.PX.WYC._.RES.Water Heater - DLC	New DSM DR

DRW.PX.YAK._.CI_.3 Party	New DSM DR
DRW.PX.YAK._.CI_.Battery DLC	New DSM DR
DRW.PX.YAK._.CI_.Grid Interactive Water Htr	New DSM DR
DRW.PX.YAK._.CI_.HVAC - DLC	New DSM DR
DRW.PX.YAK._.CI_.Smart Thermostats	New DSM DR
DRW.PX.YAK._.CI_.Water Heater - DLC	New DSM DR
DRW.PX.YAK._.RES.Battery DLC	New DSM DR
DRW.PX.YAK._.RES.EV DLC	New DSM DR
DRW.PX.YAK._.RES.Grid Interactive Water Htr	New DSM DR
DRW.PX.YAK._.RES.Home Energy Mgmt Sys	New DSM DR
DRW.PX.YAK._.RES.HVAC - DLC	New DSM DR
DRW.PX.YAK._.RES.Smart Thermostats	New DSM DR
DRW.PX.YAK._.RES.Water Heater - DLC	New DSM DR
EE_.EX.GOE._.___.Idaho	DSM
EE_.EX.NCA._.___.California	DSM
EE_.EX.SOR._.___.Oregon	DSM
EE_.EX.UTN._.___.Utah	DSM
EE_.EX.WYC._.___.Wyoming	DSM
EE_.EX.YAK._.___.Washington	DSM
EE_.PL.GOE._.YR1.Idaho	DSM
EE_.PL.NCA._.YR1.California	DSM
EE_.PL.SOR._.YR1.Oregon	DSM
EE_.PL.UTN._.YR1.Utah	DSM
EE_.PL.WYC._.YR1.Wyoming	DSM
EE_.PL.YAK._.YR1.Washington	DSM
EE_.PX.GOE._.001.ID	New DSM Energy Efficien
EE_.PX.GOE._.002.ID	New DSM Energy Efficien
EE_.PX.GOE._.003.ID	New DSM Energy Efficien
EE_.PX.GOE._.004.ID	New DSM Energy Efficien
EE_.PX.GOE._.005.ID	New DSM Energy Efficien
EE_.PX.GOE._.006.ID	New DSM Energy Efficien
EE_.PX.GOE._.007.ID	New DSM Energy Efficien
EE_.PX.GOE._.008.ID	New DSM Energy Efficien
EE_.PX.GOE._.009.ID	New DSM Energy Efficien
EE_.PX.GOE._.010.ID	New DSM Energy Efficien
EE_.PX.GOE._.011.ID	New DSM Energy Efficien
EE_.PX.GOE._.012.ID	New DSM Energy Efficien
EE_.PX.GOE._.013.ID	New DSM Energy Efficien
EE_.PX.GOE._.014.ID	New DSM Energy Efficien
EE_.PX.GOE._.015.ID	New DSM Energy Efficien
EE_.PX.GOE._.016.ID	New DSM Energy Efficien
EE_.PX.GOE._.017.ID	New DSM Energy Efficien
EE_.PX.GOE._.018.ID	New DSM Energy Efficien
EE_.PX.GOE._.019.ID	New DSM Energy Efficien
EE_.PX.GOE._.020.ID	New DSM Energy Efficien
EE_.PX.GOE._.021.ID	New DSM Energy Efficien
EE_.PX.GOE._.022.ID	New DSM Energy Efficien
EE_.PX.GOE._.023.ID	New DSM Energy Efficien
EE_.PX.GOE._.024.ID	New DSM Energy Efficien
EE_.PX.GOE._.025.ID	New DSM Energy Efficien
EE_.PX.GOE._.026.ID	New DSM Energy Efficien

EE_.PX.GOE._.027.ID	New DSM Energy Efficien
EE_.PX.GOE._.HER.ID	New DSM Energy Efficien
EE_.PX.NCA._.001.CA	New DSM Energy Efficien
EE_.PX.NCA._.002.CA	New DSM Energy Efficien
EE_.PX.NCA._.003.CA	New DSM Energy Efficien
EE_.PX.NCA._.004.CA	New DSM Energy Efficien
EE_.PX.NCA._.005.CA	New DSM Energy Efficien
EE_.PX.NCA._.006.CA	New DSM Energy Efficien
EE_.PX.NCA._.007.CA	New DSM Energy Efficien
EE_.PX.NCA._.008.CA	New DSM Energy Efficien
EE_.PX.NCA._.009.CA	New DSM Energy Efficien
EE_.PX.NCA._.011.CA	New DSM Energy Efficien
EE_.PX.NCA._.013.CA	New DSM Energy Efficien
EE_.PX.NCA._.014.CA	New DSM Energy Efficien
EE_.PX.NCA._.015.CA	New DSM Energy Efficien
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EE_.PX.NCA._.019.CA	New DSM Energy Efficien
EE_.PX.NCA._.020.CA	New DSM Energy Efficien
EE_.PX.NCA._.021.CA	New DSM Energy Efficien
EE_.PX.NCA._.022.CA	New DSM Energy Efficien
EE_.PX.NCA._.023.CA	New DSM Energy Efficien
EE_.PX.NCA._.024.CA	New DSM Energy Efficien
EE_.PX.NCA._.025.CA	New DSM Energy Efficien
EE_.PX.NCA._.026.CA	New DSM Energy Efficien
EE_.PX.SOR._.001.OR	New DSM Energy Efficien
EE_.PX.SOR._.002.OR	New DSM Energy Efficien
EE_.PX.SOR._.003.OR	New DSM Energy Efficien
EE_.PX.SOR._.004.OR	New DSM Energy Efficien
EE_.PX.SOR._.006.OR	New DSM Energy Efficien
EE_.PX.SOR._.007.OR	New DSM Energy Efficien
EE_.PX.SOR._.008.OR	New DSM Energy Efficien
EE_.PX.SOR._.010.OR	New DSM Energy Efficien
EE_.PX.SOR._.011.OR	New DSM Energy Efficien
EE_.PX.SOR._.012.OR	New DSM Energy Efficien
EE_.PX.SOR._.013.OR	New DSM Energy Efficien
EE_.PX.SOR._.014.OR	New DSM Energy Efficien
EE_.PX.SOR._.015.OR	New DSM Energy Efficien
EE_.PX.SOR._.016.OR	New DSM Energy Efficien
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EE_.PX.SOR._.023.OR	New DSM Energy Efficien
EE_.PX.SOR._.024.OR	New DSM Energy Efficien
EE_.PX.SOR._.025.OR	New DSM Energy Efficien
EE_.PX.SOR._.026.OR	New DSM Energy Efficien
EE_.PX.SOR._.027.OR	New DSM Energy Efficien

EE_.PX.SOR._.HER.OR	New DSM Energy Efficien
EE_.PX.UTN._.001.UT	New DSM Energy Efficien
EE_.PX.UTN._.002.UT	New DSM Energy Efficien
EE_.PX.UTN._.003.UT	New DSM Energy Efficien
EE_.PX.UTN._.004.UT	New DSM Energy Efficien
EE_.PX.UTN._.005.UT	New DSM Energy Efficien
EE_.PX.UTN._.006.UT	New DSM Energy Efficien
EE_.PX.UTN._.007.UT	New DSM Energy Efficien
EE_.PX.UTN._.008.UT	New DSM Energy Efficien
EE_.PX.UTN._.009.UT	New DSM Energy Efficien
EE_.PX.UTN._.010.UT	New DSM Energy Efficien
EE_.PX.UTN._.011.UT	New DSM Energy Efficien
EE_.PX.UTN._.012.UT	New DSM Energy Efficien
EE_.PX.UTN._.013.UT	New DSM Energy Efficien
EE_.PX.UTN._.014.UT	New DSM Energy Efficien
EE_.PX.UTN._.015.UT	New DSM Energy Efficien
EE_.PX.UTN._.016.UT	New DSM Energy Efficien
EE_.PX.UTN._.017.UT	New DSM Energy Efficien
EE_.PX.UTN._.018.UT	New DSM Energy Efficien
EE_.PX.UTN._.019.UT	New DSM Energy Efficien
EE_.PX.UTN._.020.UT	New DSM Energy Efficien
EE_.PX.UTN._.021.UT	New DSM Energy Efficien
EE_.PX.UTN._.022.UT	New DSM Energy Efficien
EE_.PX.UTN._.023.UT	New DSM Energy Efficien
EE_.PX.UTN._.024.UT	New DSM Energy Efficien
EE_.PX.UTN._.025.UT	New DSM Energy Efficien
EE_.PX.UTN._.026.UT	New DSM Energy Efficien
EE_.PX.UTN._.027.UT	New DSM Energy Efficien
EE_.PX.UTN._.HER.UT	New DSM Energy Efficien
EE_.PX.WYC._.001.WY	New DSM Energy Efficien
EE_.PX.WYC._.002.WY	New DSM Energy Efficien
EE_.PX.WYC._.003.WY	New DSM Energy Efficien
EE_.PX.WYC._.004.WY	New DSM Energy Efficien
EE_.PX.WYC._.005.WY	New DSM Energy Efficien
EE_.PX.WYC._.006.WY	New DSM Energy Efficien
EE_.PX.WYC._.007.WY	New DSM Energy Efficien
EE_.PX.WYC._.008.WY	New DSM Energy Efficien
EE_.PX.WYC._.009.WY	New DSM Energy Efficien

EE_.PX.WYC._.010.WY	New DSM Energy Efficien
EE_.PX.WYC._.011.WY	New DSM Energy Efficien
EE_.PX.WYC._.012.WY	New DSM Energy Efficien
EE_.PX.WYC._.013.WY	New DSM Energy Efficien
EE_.PX.WYC._.014.WY	New DSM Energy Efficien
EE_.PX.WYC._.015.WY	New DSM Energy Efficien
EE_.PX.WYC._.016.WY	New DSM Energy Efficien
EE_.PX.WYC._.017.WY	New DSM Energy Efficien
EE_.PX.WYC._.018.WY	New DSM Energy Efficien
EE_.PX.WYC._.019.WY	New DSM Energy Efficien
EE_.PX.WYC._.020.WY	New DSM Energy Efficien
EE_.PX.WYC._.021.WY	New DSM Energy Efficien
EE_.PX.WYC._.022.WY	New DSM Energy Efficien
EE_.PX.WYC._.023.WY	New DSM Energy Efficien
EE_.PX.WYC._.024.WY	New DSM Energy Efficien
EE_.PX.WYC._.025.WY	New DSM Energy Efficien
EE_.PX.WYC._.026.WY	New DSM Energy Efficien
EE_.PX.WYC._.027.WY	New DSM Energy Efficien
EE_.PX.YAK._.001.WA	New DSM Energy Efficien
EE_.PX.YAK._.002.WA	New DSM Energy Efficien
EE_.PX.YAK._.003.WA	New DSM Energy Efficien
EE_.PX.YAK._.004.WA	New DSM Energy Efficien
EE_.PX.YAK._.005.WA	New DSM Energy Efficien
EE_.PX.YAK._.006.WA	New DSM Energy Efficien
EE_.PX.YAK._.007.WA	New DSM Energy Efficien
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EE_.PX.YAK._.009.WA	New DSM Energy Efficien
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EE_.PX.YAK._.011.WA	New DSM Energy Efficien
EE_.PX.YAK._.012.WA	New DSM Energy Efficien
EE_.PX.YAK._.013.WA	New DSM Energy Efficien
EE_.PX.YAK._.014.WA	New DSM Energy Efficien
EE_.PX.YAK._.015.WA	New DSM Energy Efficien
EE_.PX.YAK._.016.WA	New DSM Energy Efficien
EE_.PX.YAK._.017.WA	New DSM Energy Efficien
EE_.PX.YAK._.018.WA	New DSM Energy Efficien
EE_.PX.YAK._.019.WA	New DSM Energy Efficien
EE_.PX.YAK._.020.WA	New DSM Energy Efficien
EE_.PX.YAK._.021.WA	New DSM Energy Efficien
EE_.PX.YAK._.022.WA	New DSM Energy Efficien
EE_.PX.YAK._.023.WA	New DSM Energy Efficien
EE_.PX.YAK._.024.WA	New DSM Energy Efficien
EE_.PX.YAK._.025.WA	New DSM Energy Efficien
EE_.PX.YAK._.026.WA	New DSM Energy Efficien
EE_.PX.YAK._.027.WA	New DSM Energy Efficien
EE_.PX.YAK._.HER.WA	New DSM Energy Efficien

Existing, Proxy, Sales or Purchases	9 2021	15 2022	21 2023	27 2024	33 2025
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
Ex	78.393938	77.8478	77.76399	0	0
Ex	79.574276	79.01991	78.93485	0	0
Ex	0	0	0	0	0
Ex	0	0	0	0	0
Ex	0	0	0	0	0
Ex	0	0	0	0	0
Ex	0	0	0	0	0
Ex	16.387433	16.27327	16.25575	0	0
Ex	0	0	0	0	0
Ex	0	0	0	0	0
Ex	0	0	0	0	0
Ex	0	0	0	0	0
Ex	0	0	0	0	0
Ex	0	0	0	0	0
Ex	0	0	0	0	0
Ex	0	0	0	0	0
Ex	110.7259	109.9545	109.8361	500	500
Ex	0	0	0	0	0
EX	52.484077	52.11844	52.06233	0	0
EX	0	0	0	0	0
EX	0	0	0	0	0
PL	0	0	0	0	0
EX	2.5644456	2.557017	2.548514	2.566588	2.566588
QF	0	0	0	0	0
QF	0	0	0	0	0
EX	0	0	0	0	0
EX	0	0	0	0	0
EX	0	0	0	0	0
EX	0	0	0	0	0
EX	0	0	0	0	0
EX	0	0	0	0	0
EX	0.2796124	0.278802	0.277875	0.279846	0.279846
EX	0.3315405	0.33058	0.329481	0.331817	0.331817
EX	19.173425	19.11788	19.05431	19.18944	19.18944
EX	5.592249	5.576049	5.557508	5.59692	5.59692
EX	10.705162	10.67415	10.63866	10.7141	10.7141
EX	10.864941	10.83347	10.79744	10.87402	10.87402
EX	1.5977854	1.593157	0	0	0
EX	2.1570103	2.150762	0	0	0
EX	1.4380069	1.433841	0	0	0
EX	7.8275508	7.804876	0	0	0
EX	1.1983391	1.194868	1.190894	1.19934	1.19934
EX	2.077121	2.071104	2.064217	2.078856	2.078856
EX	0.878782	0.876236	0.873323	0.879516	0.879516
EX	2.3167889	2.310078	2.302396	2.318724	2.318724

EX	2.6363459	2.628709	2.619968	2.638548	2.638548
EX	1.4380069	1.433841	1.429073	1.439208	1.439208
EX	0.878782	0.876236	0.873323	0.879516	0.879516
EX	3.395294	3.385459	3.374201	3.39813	3.39813
EX	0.22369	0.223042	0.2223	0.223877	0.223877
EX	0.3674906	0.366426	0.365208	0.367798	0.367798
EX	2.8760138	2.867683	2.858147	2.878416	2.878416
EX	0.5752028	0.573537	0.571629	0.575683	0.575683
EX	0.0719003	0.071692	0.071454	0.07196	0.07196
EX	0.6271308	0.625314	0.623235	0.627655	0.627655
EX	2.3966781	2.389735	2.381789	2.39868	2.39868
EX	2.6363459	2.628709	2.619968	2.638548	2.638548
EX	0.0874231	0.08717	0.08688	0.087496	0.087496
EX	2.3966781	2.389735	2.381789	2.39868	2.39868
EX	1.1184498	1.11521	1.111502	1.119384	1.119384
EX	0.6300136	0.628189	0.6261	0.63054	0.63054
EX	0.0211719	0.021111	0.02104	0.02119	0.02119
EX	0.2796124	0.278802	0.277875	0.279846	0.279846
EX	0.0878782	0.087624	0.087332	0.087952	0.087952
PC	1.757564	1.752473	1.746645	0	0
PC	10.385605	10.35552	10.32109	10.39428	10.39428
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
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QF	0	0	0	0	0
QF	0	0	0	0	0
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QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0

QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
PX	0	0	0	0	0
EX	8.6280413	8.603048	8.57444	8.635248	8.635248
EX	5.3525811	5.337076	5.319329	5.357052	5.357052
EX	5.5123597	5.496392	5.478115	5.516964	5.516964
EX	3.7947404	3.783748	3.771166	3.79791	3.79791
PC	0	0	0	0	0
PC	7.3089895	7.287817	7.263583	7.315094	0
PC	0.1094483	0.109131	0.108768	0.10954	0.10954
SL	0.1391671	0.138764	0.138303	0	0
SL	2.0123308	2.006502	1.999829	0	0
SL	6.1719255	6.154047	6.133583	6.177081	6.177081
SL	0.6106896	0	0	0	0
SL	0.2591129	0	0	0	0
SL	0.7855512	0.783276	0.780671	0	0
SL	0.1422029	0.141791	0.141319	0	0
SL	1.2171929	1.213667	1.209631	0	0
EX	0.5831917	0.581502	0.579569	0.583679	0.583679
EX	0.5831917	0.581502	0.579569	0.583679	0.583679
EX	0.0319557	0.031863	0.031757	0.031982	0.031982
EX	0.0319557	0.031863	0.031757	0.031982	0.031982
EX	2.300811	2.294146	2.286517	2.302733	2.302733
EX	2.300811	2.294146	2.286517	2.302733	2.302733
EX	0.1917343	0.191179	0.190543	0.191894	0.191894
EX	0.1917343	0.191179	0.190543	0.191894	0.191894
PX	0	0	0	0	0
PX	0	0	0	0	0
EX	7.9729492	7.910024	7.844025	7.860474	7.821296
EX	0	0	0	0	0
EX	0	0	0	0	0
EX	0	0	0	0	0
EX	0	0	0	0	0
EX	4.6335777	4.601834	4.568271	4.582278	4.563888
EX	7.9489825	7.886127	7.821001	7.837287	7.798108
EX	7.9090378	7.82718	7.742402	7.738941	7.680573
EX	6.359186	6.308902	6.256166	6.26935	6.238167
PC	0	0	0	0	0
PC	0	0	0	0	0
PC	0	0	0	0	0
PC	0	0	0	0	0
PC	0	0	0	0	0
PC	0	0	0	0	0
PC	0	0	0	0	0
PC	0	0	0	0	0

PC	0	0	0	0	0
PC	0	0	0	0	0
PX	0	0	0	14.19471	14.19471
QF	0	0	0	0	0
QF	2.1638056	2.148731	2.146418	2.171368	2.171368
QF	2.1815217	2.166324	2.163992	2.189146	2.189146
QF	2.1638056	2.148731	2.146418	2.171368	2.171368
QF	0	0	0	0	0
QF	1.8431433	1.830303	1.828333	1.849585	1.849585
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	17.428257	17.1683	17.01362	17.0736	16.93805
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0

QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	10.806848	10.6458	10.54866	10.58683	10.50239
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	7.433546	7.433546
PX	0	0	0	23.78735	23.78735
PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	6.72381	6.72381
PX	0	0	0	0	0
PX	0	0	0	14.79238	14.79238
PX	0	0	0	0	45.97833
PX	0	0	0	14.9418	14.9418
PX	0	0	0	29.8836	29.8836
PX	0	0	0	0	6.693223
PX	0	0	0	14.79238	14.79238
PX	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
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QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
EX	12.462726	12.42662	12.3853	12.47314	12.47314
EX	6.2313631	6.213312	6.192651	6.236568	6.236568
EX	0.7988927	0	0	0	0
EX	31.915764	31.82331	31.71749	31.94242	31.94242
EX	9.5867125	9.558942	9.527156	9.59472	9.59472
EX	19.95634	19.89853	19.83236	19.97301	19.97301
EX	39.944635	39.82892	39.69648	39.978	39.978
EX	8.8677091	8.842021	8.812619	8.875116	8.875116
EX	3.2594823	3.25004	3.239233	3.262205	3.262205
EX	7.9090378	7.886127	7.859904	7.915644	7.915644
EX	3.1156816	3.106656	3.096326	3.118284	3.118284
EX	7.9090378	7.886127	7.859904	7.915644	7.915644
EX	2.2768442	2.270249	2.2627	2.278746	2.278746
EX	7.9090378	7.886127	7.859904	7.915644	7.915644
EX	7.9090378	7.886127	7.859904	7.915644	7.915644
EX	1.5578408	1.553328	1.548163	1.559142	1.559142

EX	19.173425	19.11788	19.05431	19.18944	19.18944
EX	7.5095915	7.487838	7.462939	7.515864	7.515864
EX	8.0288717	8.005614	7.978993	8.035578	8.035578
PC	5.152858	5.137931	5.120846	5.157162	5.157162
PC	3.2754601	3.265972	3.255112	0	0
PC	13.980622	0	0	0	0
PC	7.9090378	7.886127	7.859904	7.915644	7.915644
PC	15.993832	15.9475	15.89447	16.00719	16.00719
PX	0	0	11.98834	11.98834	11.98834
PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	6.477271	6.477271
PX	3.9145743	3.903235	3.890255	3.917844	3.9978
PX	0	0	0	0	11.62179
PX	0	0	0	0	37.00469
PX	0	0	0	0	40.52013
PX	0	0	0	0	46.25586
PX	0	0	0	0	21.97153
PX	0	0	0	0	32.3791
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
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QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
QF	0	0	0	0	0
SL	13.980622	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	0	0

PX	0	0	0	0	0
PX	0	0	0	0	0
Ex	77.212865	76.67495	76.59241	0	0
Ex	77.655769	77.11477	77.03175	0	0
Ex	0	0	0	0	0
Ex	0	0	0	0	0
Ex	0	0	0	0	0
Ex	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	0	0
Grand Total	**986.52417**	**951.5562**	**948.2125**	**1086.354**	**1321.137**

Existing, Proxy, Sales or Purchases	**2021**	**2022**	**2023**	**2024**	**2025**
EX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	1.867725	1.867725
PX	0	0	0	5.97672	5.97672
PX	0	0	0	0	0
PX	0	0	0	29.8836	29.8836
PX	0	0	0	1.867725	1.867725
PX	0	0	0	7.396191	7.396191
PX	0	0	0	0	23.12793
PX	0	0	0	3.73545	3.73545
PX	0	0	0	7.4709	7.4709
PX	0	0	0	0	6.7071
PX	0	0	0	7.396191	7.396191
PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	0	0
Grand Total	**0**	**0**	**0**	**65.59451**	**95.42954**

Existing, Proxy, Sales or Purchases	**2021**	**2022**	**2023**	**2024**	**2025**
EX	0	0	0	0	0
EX	0	0	0	0	0
EX	0	0	0	0	0

PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	0	0
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PX	0	0	0	0	0
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PX	0	0	0	0	0
PX	0	0	0	0	0
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PX	0	0	0	0	0
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PX	0	0	0	0	0
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PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0.21	0.53	0.54
PX	0	0	0.02	0.13	0.27
PX	0	0	0.33	0.58	0.72
PX	0	0	0.54	1.03	1.41
PX	0	0	0.01	0.05	0.08
PX	0	0	0.65	1.38	1.44
PX	0	0	0.2	0.51	0.52
PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0.17	0.53	0.75
PX	0	0	0	0	0
PX	0	0	1.18	2.87	3.85
PX	0	0	0.61	1.23	1.23
PX	0	0.1131	0.6789	1.584	2.4892
PX	0	2.1282	8.1616	16.0039	23.8782
PX	0	0.5456	1.3404	1.8819	2.5144
PX	0	7.9807	15.9613	15.9613	15.9613
PX	0	0	3.2327	9.5257	12.8014
PX	0	0.2263	0.6789	1.1314	1.584
PX	0	0.0154	0.1235	0.3243	0.525

PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	0	0
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PX	0	0	0	0	0
PX	0	0	0.21	0.53	0.54
PX	0	0	0.14	0.44	0.6
PX	0	0	0.06	0.23	0.23
PX	0	0	0.1	0.34	0.38
PX	0	0	0.12	0.28	0.28
PX	0	0	0.2	0.51	0.52
PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0.02	0.21	0.29
PX	0	0	0	0	0
PX	0	0	0.49	1.42	1.76
PX	0	0	1.44	2.56	2.56
EX	0	0	0	0	0
EX	0	0	0	0	0
EX	0	0	0	0	0
EX	0	0	0	0	0
EX	0	0	0	0	0
EX	10.88	10.88	10.88	10.88	10.88
PL	0	0	0	0	0
PL	0	0	0	0	0
PL	0	0	0	0	0
PL	0	0	0	0	0
PL	0	0	0	0	0
PL	10.22	10.22	10.22	10.22	10.22
PX	0	0	0	0	0
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PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	0	0	0	0
PX	0	2.25	4.66	7.21	10.14
PX	0	0.97	2.15	3.6	5.38
PX	0	0.86	1.99	3.47	5.33
PX	0	0.07	0.14	0.22	0.31
PX	0	2.55	5.86	10.14	15.37
PX	0	0.08	0.17	0.27	0.38
PX	0	0.59	1.37	2.42	3.78
PX	0	0.07	0.15	0.25	0.37
PX	0	0.33	0.81	1.51	2.47
PX	0	0.14	0.35	0.63	0.99
PX	0	0.69	1.63	2.93	4.62
PX	0	0.05	0.11	0.17	0.23
PX	0	1.9	4.38	7.65	11.74
PX	0	0.09	0.2	0.33	0.48
PX	0	1.56	3.43	5.68	8.27
PX	0	0.22	0.48	0.78	1.12
PX	0	1.45	3.41	3.41	3.41
PX	0	0.09	0.19	0.29	0.4
PX	0	0.1	0.1	0.1	0.1
PX	0	0.95	1.88	2.79	3.67
PX	0	0.1	0.1	0.1	0.1
PX	0	0.1	0.1	0.1	0.1
PX	0	0.49	1.03	1.61	2.28
PX	0	0.06	0.14	0.26	0.42
PX	0	0.1	0.19	0.26	0.36
PX	0	0.12	0.24	0.37	0.51
PX	0	0.01	0.03	0.05	0.07
PX	0.2	0.29	0.29	0.29	0.29
Grand Total	**21**	**48**	**94**	**140**	**182**
Total WA-Allocated Capacity (MW)	**1008**	**1000**	**1042**	**1292**	**1598**
Difference: P02-SCGHG less P02-MM-CETA	0	0	0	0	0

39	45	51	57	63	69	75
2026	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
500	500	500	500	500	500	500
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0.279845993	0.279845993	0.279845993	0.279845993	0.279845993	0.279845993	0.279845993
0.331817392	0.331817392	0.331817392	0.331817392	0.331817392	0.331817392	0.331817392
19.18943955	19.18943955	19.18943955	19.18943955	19.18943955	19.18943955	19.18943955
5.596919867	5.596919867	5.596919867	5.596919867	5.596919867	5.596919867	5.596919867
10.71410375	10.71410375	10.71410375	10.71410375	10.71410375	10.71410375	10.71410375
10.87401574	10.87401574	10.87401574	10.87401574	10.87401574	10.87401574	10.87401574
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0.879515979	0.879515979	0.879515979	0.879515979	0.879515979	0.879515979	0.879515979
2.318723945	2.318723945	2.318723945	2.318723945	2.318723945	2.318723945	2.318723945

2.638547938	2.638547938	2.638547938	2.638547938	2.638547938	2.638547938	2.638547938
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0.879515979	0.879515979	0.879515979	0.879515979	0.879515979	0.879515979	0.879515979
3.39812992	3.39812992	3.39812992	3.39812992	3.39812992	3.39812992	3.39812992
0.223876795	0.223876795	0.223876795	0.223876795	0.223876795	0.223876795	0.223876795
0.367797591	0.367797591	0.367797591	0.367797591	0.367797591	0.367797591	0.367797591
2.878415932	2.878415932	2.878415932	2.878415932	2.878415932	2.878415932	2.878415932
0.575683186	0.575683186	0.575683186	0.575683186	0.575683186	0.575683186	0.575683186
0.071960398	0.071960398	0.071960398	0.071960398	0.071960398	0.071960398	0.071960398
0.627654585	0.627654585	0.627654585	0.627654585	0.627654585	0.627654585	0.627654585
2.398679943	2.398679943	2.398679943	2.398679943	2.398679943	2.398679943	2.398679943
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0.087496169	0.087496169	0.087496169	0.087496169	0.087496169	0.087496169	0.087496169
2.398679943	2.398679943	2.398679943	2.398679943	2.398679943	2.398679943	2.398679943
1.119383973	1.119383973	1.119383973	1.119383973	1.119383973	1.119383973	1.119383973
0.630539797	0.630539797	0.630539797	0.630539797	0.630539797	0.630539797	0.630539797
0.021189539	0.021189539	0.021189539	0.021189539	0.021189539	0.021189539	0.021189539
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7.623004859	7.565436541	7.508667782	7.452698583	7.396729385	7.341559746	7.286390107
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10.41794269	10.33349691	10.25127338	10.16904986	0	0	0
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7.396378167	7.359396276	7.322599295	7.285986299	7.249556367	7.213308585	7.177242043
23.66781246	23.54977224	23.43173201	23.31518596	23.19863992	23.08209387	22.96704201
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6.690938397	6.656572255	6.623700294	6.590828332	6.55795637	6.525084408	6.492212447
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29.73418359	29.58625976	29.43684175	29.2904121	29.14398246	28.99755281	28.85261734
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31.94242124	31.94242124	31.94242124	31.94242124	31.94242124	31.94242124	31.94242124
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39.97799905	39.97799905	39.97799905	39.97799905	39.97799905	39.97799905	39.97799905
8.87511579	8.87511579	8.87511579	8.87511579	8.87511579	8.87511579	8.87511579
3.262204723	3.262204723	3.262204723	3.262204723	3.262204723	3.262204723	3.262204723
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1.559141963	1.559141963	1.559141963	1.559141963	1.559141963	1.559141963	1.559141963

19.18943955	19.18943955	19.18943955	19.18943955	19.18943955	19.18943955	19.18943955
7.515863822	7.515863822	7.515863822	7.515863822	7.515863822	7.515863822	7.515863822
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19.77504132	19.77504132	19.77504132	19.77504132	19.77504132	19.77504132	19.77504132
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6.477270646	6.477270646	6.477270646	6.477270646	6.477270646	6.477270646	6.477270646
3.997799905	3.997799905	3.997799905	3.997799905	3.997799905	3.997799905	3.997799905
11.62178508	11.62178508	11.62178508	11.62178508	11.62178508	11.62178508	11.62178508
37.00468882	37.00468882	37.00468882	37.00468882	37.00468882	37.00468882	37.00468882
40.52013425	40.52013425	40.52013425	40.52013425	40.52013425	40.52013425	40.52013425
46.25586102	46.25586102	46.25586102	46.25586102	46.25586102	46.25586102	46.25586102
21.97153398	21.97153398	21.97153398	21.97153398	21.97153398	21.97153398	21.97153398
32.37910271	32.37910271	32.37910271	32.37910271	32.37910271	32.37910271	32.37910271
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	14.11322795	14.11322795	14.11322795
0	0	0	0	12.87316404	12.87316404	12.87316404
0	0	0	0	0	0	12.30763303
0	0	0	0	0	0	0
0	0	0	0	0	0	0
1406.897471	**1405.573035**	**1436.186885**	**1426.965039**	**1453.584983**	**1477.772997**	**1517.322497**

2026	2027	2028	2029	2030	2031	2032
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
1.8677251	1.8677251	1.8677251	1.8677251	1.8677251	1.8677251	1.8677251
5.976720319	5.976720319	5.976720319	5.976720319	5.976720319	5.976720319	5.976720319
0	0	11.5621063	11.5621063	11.5621063	11.5621063	11.5621063
29.8836016	29.8836016	29.8836016	29.8836016	29.8836016	29.8836016	29.8836016
1.8677251	1.8677251	1.8677251	1.8677251	1.8677251	1.8677251	1.8677251
7.396191395	7.396191395	7.396191395	7.396191395	7.396191395	7.396191395	7.396191395
23.12793051	23.12793051	23.12793051	23.12793051	23.12793051	23.12793051	23.12793051
3.735450199	3.735450199	3.735450199	3.735450199	3.735450199	3.735450199	3.735450199
7.470900399	7.470900399	7.470900399	7.470900399	7.470900399	7.470900399	7.470900399
6.707099848	6.707099848	6.707099848	6.707099848	6.707099848	6.707099848	6.707099848
7.396191395	7.396191395	7.396191395	7.396191395	7.396191395	7.396191395	7.396191395
0	0	26.10798197	26.10798197	26.10798197	26.10798197	26.10798197
59.32512395	59.32512395	59.32512395	59.32512395	59.32512395	59.32512395	59.32512395
0	0	0	0	0	0	0
0	0	0	0	12.87316404	12.87316404	12.87316404
0	0	3.095660719	3.095660719	3.095660719	3.095660719	3.095660719
0	0	0	0	0	12.68674058	12.68674058
0	0	0	0	0	0	0
0	0	0	0	12.32536983	12.32536983	12.32536983
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
154.7546598	**154.7546598**	**195.5204088**	**195.5204088**	**220.7189427**	**233.4056832**	**233.4056832**

2026	2027	2028	2029	2030	2031	2032
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0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.56	0.58	0.67	0.79	0.98	1.24	1.78
0.32	0.44	0.52	0.52	0.56	0.63	0.64
0.72	0.72	0.79	0.79	0.79	0.79	0.79
1.41	1.56	1.86	1.86	1.89	1.97	1.97
0.08	0.08	0.08	0.08	0.08	0.08	0.08
1.44	1.47	1.47	1.47	1.47	1.52	1.52
0.54	0.56	0.58	0.59	0.61	0.63	0.65
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.95	1.23	1.54	1.81	2.04	2.3	2.3
0	0	0	0	0	0	0
4.67	5.88	7.21	8.31	9.24	10.3	10.3
1.23	1.23	1.23	1.23	1.23	1.23	1.23
3.3943	4.2995	5.2046	6.1098	7.0149	7.9201	7.9201
31.4226	37.158	40.4993	42.9254	45.3196	47.4158	47.4158
3.2467	4.0875	5.0444	6.1241	7.3311	8.6667	8.6667
15.9613	15.9613	15.9613	15.9613	15.9613	15.9613	15.9613
13.2325	13.6635	14.073	14.4393	14.7842	15.129	15.129
2.0366	2.4892	2.9417	3.3943	3.8469	4.2995	4.2995
0.7258	0.8493	0.8802	0.9111	0.942	0.9729	0.9729

0	0	0	0	0	0	0

0	0	0	0	0	0	0
0.56	0.58	0.67	0.79	0.98	1.24	1.78
0.73	0.86	1.06	1.06	1.22	1.32	1.39
0.23	0.23	0.23	0.23	0.24	0.24	0.24
0.41	0.44	0.45	0.45	0.48	0.49	0.51
0.28	0.28	0.28	0.28	0.28	0.28	0.28
0.54	0.56	0.58	0.59	0.61	0.63	0.65
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.39	0.51	0.62	0.78	0.86	0.91	0.96
0	0	0	0	0	0	0
2.17	2.67	3.13	3.84	4.17	4.37	4.58
2.56	2.56	2.56	2.56	2.56	2.56	2.56
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
10.88	10.88	10.88	10.88	10.88	10.88	10.88
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10.22	10.22	10.22	10.22	10.22	10.22	10.22
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
13.28	16.54	19.76	22.9	26.17	29.28	32.18
7.56	10.12	13.05	16.28	19.78	23.39	27.04
7.7	10.54	13.79	17.28	20.92	24.53	28
0.41	0.52	0.63	0.74	0.84	0.92	0.98
21.95	29.64	38.22	47.04	55.89	64.17	71.66
0.5	0.63	0.77	0.9	1.02	1.12	1.2
5.54	7.72	10.36	13.4	16.84	20.54	24.4
0.51	0.67	0.84	1.02	1.21	1.41	1.6
3.73	5.27	7.04	8.9	10.77	12.54	14.19
1.44	1.99	2.62	3.33	4.14	5.03	5.97
6.86	9.64	12.98	16.72	20.85	25.14	29.48
0.29	0.34	0.39	0.43	0.47	0.5	0.52
16.88	22.82	29.33	35.83	42.15	47.82	52.72
0.65	0.84	1.04	1.23	1.39	1.53	1.63
11.37	14.87	18.67	22.51	26.41	30.15	33.73
1.51	1.94	2.37	2.77	3.12	3.39	3.57
3.41	3.41	3.41	3.41	3.41	3.41	3.41
0.52	0.64	0.76	0.87	0.98	1.07	1.15
0.1	0.1	0.1	0.1	0.1	0.1	0.1
4.46	5.13	5.69	6.16	6.56	6.88	7.14
0.1	0.1	0.1	0.1	0.1	0.1	0.1
0.1	0.1	0.1	0.1	0.1	0.57	1.06
3.04	3.87	4.78	5.76	6.77	7.81	8.84
0.63	0.9	1.24	1.65	2.11	2.63	3.19
0.5	0.69	0.94	1.25	1.6	2	2.43
0.66	0.83	1.02	1.23	1.46	1.71	1.98
0.09	0.12	0.14	0.16	0.16	0.16	0.16
0.29	0.29	0.29	0.29	0.29	0.29	0.29
225	**272**	**322**	**371**	**422**	**472**	**514**
1787	**1833**	**1953**	**1994**	**2097**	**2184**	**2265**
-41	-41	-15	-58	-158	-224	-212

81	87	93	99	105	111	117
2033	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**
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0	0	0	0	0	0	0
500	500	500	500	500	500	500
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
2.566587539	2.566587539	2.566587539	2.566587539	2.566587539	0	0
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0.279845993	0.279845993	0.279845993	0.279845993	0.279845993	0.279845993	0.279845993
0.331817392	0.331817392	0.331817392	0.331817392	0.331817392	0.331817392	0.331817392
19.18943955	19.18943955	19.18943955	19.18943955	19.18943955	19.18943955	19.18943955
5.596919867	5.596919867	5.596919867	5.596919867	5.596919867	5.596919867	5.596919867
10.71410375	10.71410375	10.71410375	10.71410375	10.71410375	10.71410375	10.71410375
10.87401574	10.87401574	10.87401574	10.87401574	10.87401574	10.87401574	10.87401574
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
1.199339972	1.199339972	1.199339972	1.199339972	1.199339972	1.199339972	1.199339972
2.078855951	2.078855951	2.078855951	2.078855951	2.078855951	2.078855951	2.078855951
0.879515979	0.879515979	0.879515979	0.879515979	0.879515979	0.879515979	0.879515979
2.318723945	2.318723945	2.318723945	2.318723945	2.318723945	2.318723945	2.318723945

2.638547938	2.638547938	2.638547938	2.638547938	2.638547938	2.638547938	2.638547938
1.439207966	1.439207966	1.439207966	1.439207966	1.439207966	1.439207966	1.439207966
0.879515979	0.879515979	0.879515979	0.879515979	0.879515979	0.879515979	0.879515979
3.39812992	3.39812992	3.39812992	3.39812992	3.39812992	3.39812992	3.39812992
0.223876795	0.223876795	0.223876795	0.223876795	0.223876795	0.223876795	0.223876795
0.367797591	0.367797591	0.367797591	0.367797591	0.367797591	0.367797591	0.367797591
2.878415932	2.878415932	2.878415932	2.878415932	2.878415932	2.878415932	2.878415932
0.575683186	0.575683186	0.575683186	0.575683186	0.575683186	0.575683186	0.575683186
0.071960398	0.071960398	0.071960398	0.071960398	0.071960398	0.071960398	0.071960398
0.627654585	0.627654585	0.627654585	0.627654585	0.627654585	0.627654585	0.627654585
2.398679943	2.398679943	2.398679943	2.398679943	2.398679943	2.398679943	2.398679943
2.638547938	2.638547938	2.638547938	2.638547938	2.638547938	2.638547938	2.638547938
0.087496169	0.087496169	0.087496169	0.087496169	0.087496169	0.087496169	0.087496169
2.398679943	2.398679943	2.398679943	2.398679943	2.398679943	2.398679943	2.398679943
1.119383973	1.119383973	1.119383973	1.119383973	1.119383973	1.119383973	1.119383973
0.630539797	0.630539797	0.630539797	0.630539797	0.630539797	0.630539797	0.630539797
0.021189539	0.021189539	0.021189539	0.021189539	0.021189539	0.021189539	0.021189539
0.279845993	0.279845993	0.279845993	0.279845993	0.279845993	0.279845993	0.279845993
0.087951598	0.087951598	0.087951598	0.087951598	0.087951598	0.087951598	0.087951598
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10.39427975	10.39427975	10.39427975	10.39427975	10.39427975	10.39427975	10.39427975
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8.635247795	8.635247795	8.635247795	8.635247795	8.635247795	8.635247795	8.635247795
5.357051873	5.357051873	5.357051873	5.357051873	5.357051873	5.357051873	5.357051873
5.35933633	5.22659735	5.161030717	5.092582033	5.349783146	5.218749606	5.192436583
3.79790991	3.79790991	3.79790991	3.79790991	3.79790991	3.79790991	3.79790991
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.109539717	0.109539717	0.109539717	0.109539717	0.109539717	0.109539717	0.109539717
0	0	0	0	0	0	0
0	0	0	0	0	0	0
6.17708059	6.17708059	6.17708059	6.17708059	6.17708059	6.17708059	6.17708059
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0.583678786	0.583678786	0.583678786	0.583678786	0.583678786	0.583678786	0.583678786
0.583678786	0.583678786	0.583678786	0.583678786	0.583678786	0.583678786	0.583678786
0.031982399	0.031982399	0.031982399	0.031982399	0.031982399	0.031982399	0.031982399
0.031982399	0.031982399	0.031982399	0.031982399	0.031982399	0.031982399	0.031982399
2.302732745	2.302732745	2.302732745	2.302732745	2.302732745	2.302732745	2.302732745
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0.191894395	0.191894395	0.191894395	0.191894395	0.191894395	0.191894395	0.191894395
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4.419967575	4.402377256	4.384786936	4.367196617	4.349606297	4.332015977	4.314425658
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7.232020029	7.17764995	7.124079431	7.070508913	7.017737954	6.964966995	6.912995596
5.992702058	5.963118339	5.933534619	5.9039509	5.874367181	5.844783462	5.815199742
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12.87316404	12.87316404	12.87316404	12.87316404	12.87316404	12.87316404	12.87316404
7.141355832	7.105649053	7.070120808	7.034770204	6.999596352	6.964598371	6.929775379
22.85199014	22.73843245	22.62487477	22.51131708	22.39925358	22.28719007	22.17512656
6.191321438	6.191321438	6.191321438	6.191321438	6.191321438	6.191321438	6.191321438
12.68674058	12.68674058	12.68674058	12.68674058	12.68674058	12.68674058	12.68674058
6.459340485	6.427962703	6.395090741	6.36371296	6.330840998	6.299463216	6.268085435
39.20142777	39.20142777	39.20142777	39.20142777	39.20142777	39.20142777	39.20142777
14.21114674	14.13942609	14.06919963	13.99897317	13.9287467	13.85852024	13.78978796
44.08183555	43.81702075	43.55451874	43.29317312	43.0329839	42.77510748	42.51838745
14.35458803	14.28286738	14.21114674	14.14092027	14.06919963	13.99897317	13.9287467
28.70917605	28.56573476	28.42229348	28.28034637	28.13839926	27.99794633	27.85898759
6.601867764	6.587991006	6.575270644	6.562550282	6.54982992	6.537109558	6.5232328
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3.118283926	3.118283926	3.118283926	3.118283926	3.118283926	3.118283926	3.118283926
7.915643813	7.915643813	7.915643813	7.915643813	7.915643813	7.915643813	7.915643813
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37.00468882	37.00468882	37.00468882	37.00468882	37.00468882	37.00468882	37.00468882
40.52013425	40.52013425	40.52013425	40.52013425	40.52013425	40.52013425	40.52013425
46.25586102	46.25586102	46.25586102	46.25586102	46.25586102	46.25586102	46.25586102
21.97153398	21.97153398	21.97153398	21.97153398	21.97153398	21.97153398	21.97153398
32.37910271	32.37910271	32.37910271	32.37910271	32.37910271	32.37910271	32.37910271
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12.30763303	12.30763303	12.30763303	12.30763303	12.30763303	12.30763303	12.30763303
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1562.64444	**1561.448877**	**1560.326769**	**1559.208735**	**1558.418126**	**1599.471981**	**1598.410956**

2033	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**
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0	0	0	0	18.5533481	18.5533481	18.5533481
1.8677251	1.8677251	1.8677251	1.8677251	1.8677251	1.8677251	1.8677251
5.976720319	5.976720319	5.976720319	5.976720319	5.976720319	5.976720319	5.976720319
11.5621063	11.5621063	11.5621063	11.5621063	11.5621063	11.5621063	11.5621063
29.8836016	29.8836016	29.8836016	29.8836016	29.8836016	29.8836016	0
1.8677251	1.8677251	1.8677251	1.8677251	1.8677251	1.8677251	1.8677251
7.396191395	7.396191395	7.396191395	7.396191395	7.396191395	7.396191395	7.396191395
23.12793051	23.12793051	23.12793051	23.12793051	23.12793051	23.12793051	23.12793051
3.735450199	3.735450199	3.735450199	3.735450199	3.735450199	3.735450199	3.735450199
7.470900399	7.470900399	7.470900399	7.470900399	7.470900399	7.470900399	7.470900399
6.707099848	6.707099848	6.707099848	6.707099848	6.707099848	6.707099848	6.707099848
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59.32512395	59.32512395	59.32512395	59.32512395	59.32512395	59.32512395	59.32512395
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12.68674058	12.68674058	12.68674058	12.68674058	12.68674058	12.68674058	12.68674058
39.20142777	39.20142777	39.20142777	39.20142777	39.20142777	39.20142777	39.20142777
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272.607111	**272.607111**	**272.607111**	**272.607111**	**291.1604591**	**306.6557832**	**276.7721817**

2033	**2034**	**2035**	**2036**	**2037**	**2038**	**2039**
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0	0	0	12.3	13.6	14.66	15.19
2.22	2.71	3.12	3.61	3.99	4.36	4.73
0.74	0.74	0.74	0.74	0.8	0.89	0.91
0.81	0.81	0.81	0.81	0.84	0.86	0.89
2.04	2.04	2.04	2.04	2.08	2.1	2.15
0.08	0.08	0.08	0.08	0.08	0.08	0.08
1.56	1.56	1.56	1.56	1.61	1.64	1.64
0.67	0.69	0.71	0.73	0.75	0.98	1.47
0	0	0	1.42	1.61	1.83	2.05
0	0	3.7	3.7	3.7	3.7	3.7
2.58	2.69	2.72	2.74	2.75	2.84	2.92
0	0	0	0	4.06	4.13	4.19
11.49	11.96	12.08	12.15	12.18	12.59	12.93
1.23	1.23	1.23	1.23	1.23	1.23	1.23
7.9201	7.9201	7.9201	7.9201	7.9201	7.9201	7.9201
47.4158	47.4158	47.4158	47.4158	47.4158	47.4158	47.4158
8.6667	8.6667	8.6667	8.6667	8.6667	8.6667	8.6667
15.9613	15.9613	15.9613	15.9613	15.9613	15.9613	15.9613
15.129	15.129	15.129	15.129	15.129	15.129	15.129
4.2995	4.2995	4.2995	4.2995	4.2995	4.2995	4.2995
0.9729	0.9729	0.9729	0.9729	0.9729	0.9729	0.9729

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0	0	0	9.83	10.57	10.73	10.88
2.22	2.71	3.12	3.61	3.99	4.36	4.73
1.44	1.45	1.45	1.47	1.62	1.64	1.65
0.24	0.24	0.24	0.25	0.25	0.25	0.25
0.51	0.51	0.52	0.54	0.54	0.54	0.54
0.28	0.28	0.28	0.28	0.28	0.28	0.28
0.67	0.69	0.71	0.73	0.75	0.98	1.47
0	0	0	1.43	1.67	1.9	2.18
0	0	10.57	11.01	11.17	11.28	11.39
0.97	0.97	1.04	1.04	1.04	1.04	1.04
0	0	0	0	19.77	19.85	19.86
4.62	4.62	4.97	4.97	4.97	4.99	4.99
2.56	2.56	2.56	2.56	2.56	2.56	2.56
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
10.88	10.88	10.88	10.88	10.88	10.88	10.88
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
10.22	10.22	10.22	10.22	10.22	10.22	10.22
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0	0	0	0	0	0	0
34.82	37.25	39.45	40.94	42.15	43.29	44.39
30.57	33.83	36.75	39.31	41.49	43.19	44.51
31.16	33.93	36.28	38.26	39.77	40.86	41.62
1.02	1.05	1.08	1.1	1.12	1.14	1.16
78.08	83.42	87.77	91.32	93.9	95.66	96.77
1.25	1.29	1.32	1.35	1.38	1.4	1.42
28.15	31.59	34.59	37.13	39.02	40.32	41.16
1.77	1.93	2.08	2.22	2.41	2.58	2.7
15.65	16.89	17.92	18.79	19.48	20.01	20.42
6.93	7.85	8.71	9.49	10.52	11.4	12.12
33.61	37.36	40.64	43.47	45.66	47.28	48.45
0.54	0.55	0.56	0.57	0.57	0.57	0.57
56.74	59.95	62.53	64.65	66.44	67.84	68.94
1.7	1.75	1.78	1.8	1.81	1.82	1.83
37.1	40.32	43.48	46.69	50.44	53.94	57.19
3.68	3.74	3.78	3.81	3.84	3.87	3.89
3.41	3.41	3.41	3.41	3.41	3.41	4.37
1.22	1.28	1.34	1.39	1.43	1.47	1.51
0.1	0.1	0.1	0.1	0.1	0.1	0.1
7.36	7.54	7.7	7.85	7.97	8.09	8.21
0.1	0.1	0.1	0.1	0.1	0.1	0.1
1.54	2	2.42	2.79	3.1	3.36	3.58
9.83	10.73	11.51	12.15	12.65	13.03	13.33
3.76	4.3	4.78	5.17	5.47	5.68	5.82
2.87	3.29	3.66	3.96	4.19	4.36	4.47
2.27	2.56	2.85	3.13	3.44	3.73	4
0.16	0.16	0.16	0.16	0.16	0.16	0.16
0.29	0.29	0.29	0.29	0.29	0.29	0.29
554	**588**	**633**	**684**	**732**	**753**	**770**
2389	**2423**	**2466**	**2516**	**2582**	**2659**	**2646**
-219	-219	-219	-219	-273	-294	-294

123 **Allocation Factors for WA**

2040	2021	2022	2023	2024	2025	2026	2027
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	22.15%	21.99%	21.97%	0.00%	0.00%	0.00%	0.00%
0	22.15%	21.99%	21.97%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	22.15%	21.99%	21.97%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
500	22.15%	21.99%	21.97%	100.00%	100.00%	100.00%	100.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	22.15%	21.99%	21.97%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.279845993	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0.331817392	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
19.18943955	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
5.596919867	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
10.71410375	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
10.87401574	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
1.199339972	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
2.078855951	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0.879515979	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
2.318723945	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%

2.638547938	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
1.439207966	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0.879515979	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
3.39812992	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0.223876795	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0.367797591	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
2.878415932	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0.575683186	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0.071960398	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0.627654585	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
2.398679943	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
2.638547938	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0.087496169	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
2.398679943	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
1.119383973	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0.630539797	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0.021189539	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0.279845993	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0.087951598	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
10.39427975	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
24.99245827	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
8.635247795	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
5.357051873	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
5.122895021	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
3.79790991	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0.109539717	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
6.17708059	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0.583678786	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0.583678786	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0.031982399	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0.031982399	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
2.302732745	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
2.302732745	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0.191894395	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0.191894395	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
34.48959241	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
25.73501079	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
7.254407708	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
4.296835338	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
7.232819589	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
6.861024197	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
5.786415583	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
13.16657322	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%	14.94%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	22.15%	21.99%	21.97%	22.22%	22.22%	22.22%	22.22%
0	22.15%	21.99%	21.97%	22.22%	22.22%	22.22%	22.22%
0	22.15%	21.99%	21.97%	22.22%	22.22%	22.22%	22.22%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	22.15%	21.99%	21.97%	22.22%	22.22%	22.22%	22.22%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	22.15%	21.99%	21.97%	22.22%	22.22%	22.22%	22.22%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	22.15%	21.99%	21.97%	22.22%	22.22%	22.22%	22.22%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
59.32512395	0.00%	0.00%	0.00%	0.00%	0.00%	9.89%	9.89%
6.847427683	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
12.87316404	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
6.895126502	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%	14.94%
22.06455724	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%	14.94%
6.191321438	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
12.68674058	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
6.236707653	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%	14.94%
39.20142777	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
13.72105567	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%	14.94%
42.26282382	0.00%	0.00%	0.00%	0.00%	11.56%	11.56%	11.56%
13.86001442	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%	14.94%
27.71853466	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%	14.94%
6.510512438	0.00%	0.00%	0.00%	0.00%	11.56%	11.56%	11.56%
13.72105567	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%	14.94%
16.7699395	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
12.4731357	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
6.236567852	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
31.94242124	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
9.594719773	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
19.97300833	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
39.97799905	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
8.87511579	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
3.262204723	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
7.915643813	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
3.118283926	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
7.915643813	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
2.278745946	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
7.915643813	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
7.915643813	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
1.559141963	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%

19.18943955	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
7.515863822	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
8.03557781	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
11.98833796	0.00%	0.00%	7.94%	7.94%	7.94%	7.94%	7.94%
28.31562602	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
12.85377686	0.00%	0.00%	0.00%	0.00%	0.00%	9.89%	9.89%
19.77504132	0.00%	0.00%	0.00%	0.00%	0.00%	9.89%	9.89%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
19.80385645	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
6.477270646	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%	14.94%
3.997799905	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
11.62178508	0.00%	0.00%	0.00%	0.00%	11.56%	11.56%	11.56%
37.00468882	0.00%	0.00%	0.00%	0.00%	11.56%	11.56%	11.56%
40.52013425	0.00%	0.00%	0.00%	0.00%	11.56%	11.56%	11.56%
46.25586102	0.00%	0.00%	0.00%	0.00%	11.56%	11.56%	11.56%
21.97153398	0.00%	0.00%	0.00%	0.00%	11.56%	11.56%	11.56%
32.37910271	0.00%	0.00%	0.00%	0.00%	11.56%	11.56%	11.56%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%	8.00%
0	22.15%	21.99%	21.97%	0.00%	0.00%	0.00%	0.00%
10.30238732	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
7.345275705	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

12.40740471	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10.30238732	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	22.15%	21.99%	21.97%	0.00%	0.00%	0.00%	0.00%
0	22.15%	21.99%	21.97%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	22.15%	21.99%	21.97%	0.00%	0.00%	0.00%	0.00%
14.11322795	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
12.87316404	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
12.30763303	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	22.15%	21.99%	21.97%	0.00%	0.00%	0.00%	0.00%
1637.052031							

2040	2021	2022	2023	2024	2025	2026	2027
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
15.49532413	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
18.5533481	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1.8677251	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%	14.94%
5.976720319	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%	14.94%
11.5621063	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%	14.94%
1.8677251	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%	14.94%
7.396191395	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%	14.94%
23.12793051	0.00%	0.00%	0.00%	0.00%	11.56%	11.56%	11.56%
3.735450199	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%	14.94%
7.470900399	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%	14.94%
6.707099848	0.00%	0.00%	0.00%	0.00%	11.56%	11.56%	11.56%
7.396191395	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%	14.94%
26.10798197	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
59.32512395	0.00%	0.00%	0.00%	0.00%	0.00%	9.89%	9.89%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
12.87316404	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
3.095660719	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
12.68674058	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39.20142777	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
16.7699395	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	22.15%	21.99%	21.97%	0.00%	0.00%	0.00%	0.00%
281.2167513							

2040	2021	2022	2023	2024	2025	2026	2027
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
15.19	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
4.98	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
0.91	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
0.89	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
2.15	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
0.08	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
1.64	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
2.05	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
2.35	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
3.76	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
2.92	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
4.19	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
12.93	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
1.23	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
7.9201	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
47.4158	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
8.6667	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
15.9613	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
15.129	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
4.2995	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
0.9729	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

10.88	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
4.98	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
1.65	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
0.25	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
0.54	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
0.28	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
2.05	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
2.47	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
11.39	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
1.04	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
19.86	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
4.99	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
2.56	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
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10.88	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
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0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10.22	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
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45.49	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
45.6	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
42.18	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
1.18	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
97.5	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
1.44	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
41.71	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
2.81	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
20.75	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
12.7	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
49.35	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
0.57	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
69.87	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
1.84	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
60.25	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
3.91	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
4.37	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
1.54	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
0.1	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
8.32	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
0.1	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
3.77	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
13.57	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
5.92	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
4.54	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
4.26	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
0.16	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
0.29	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
784							
2702							
-287							

2028	2029	2030	2031	2032
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7.46%	7.46%	7.46%	7.46%	7.46%
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14.94%	14.94%	14.94%	14.94%	14.94%
0.00%	0.00%	0.00%	0.00%	0.00%
22.22%	22.22%	0.00%	0.00%	0.00%
22.22%	22.22%	0.00%	0.00%	0.00%
22.22%	22.22%	0.00%	0.00%	0.00%
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0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%
9.89%	9.89%	9.89%	9.89%	9.89%
0.00%	0.00%	6.85%	6.85%	6.85%
0.00%	0.00%	6.85%	6.85%	6.85%
14.94%	14.94%	14.94%	14.94%	14.94%
14.94%	14.94%	14.94%	14.94%	14.94%
7.46%	7.46%	7.46%	7.46%	7.46%
0.00%	0.00%	0.00%	6.34%	6.34%
14.94%	14.94%	14.94%	14.94%	14.94%
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14.94%	14.94%	14.94%	14.94%	14.94%
11.56%	11.56%	11.56%	11.56%	11.56%
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14.94%	14.94%	14.94%	14.94%	14.94%
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14.94%	14.94%	14.94%	14.94%	14.94%
0.00%	0.00%	6.85%	6.85%	6.85%
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8.00%	8.00%	8.00%	8.00%	8.00%
8.00%	8.00%	8.00%	8.00%	8.00%
7.94%	7.94%	7.94%	7.94%	7.94%
0.00%	0.00%	0.00%	0.00%	6.29%
9.89%	9.89%	9.89%	9.89%	9.89%
9.89%	9.89%	9.89%	9.89%	9.89%
0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	6.85%	6.85%	6.85%
14.94%	14.94%	14.94%	14.94%	14.94%
8.00%	8.00%	8.00%	8.00%	8.00%
11.56%	11.56%	11.56%	11.56%	11.56%
11.56%	11.56%	11.56%	11.56%	11.56%
11.56%	11.56%	11.56%	11.56%	11.56%
11.56%	11.56%	11.56%	11.56%	11.56%
11.56%	11.56%	11.56%	11.56%	11.56%
11.56%	11.56%	11.56%	11.56%	11.56%
0.00%	0.00%	0.00%	0.00%	0.00%
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8.00%	8.00%	8.00%	8.00%	8.00%
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0.00%	0.00%	0.00%	0.00%	0.00%

0.00%	0.00%	0.00%	6.34%	6.34%
0.00%	0.00%	0.00%	0.00%	0.00%
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0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	6.85%	6.85%	6.85%
0.00%	0.00%	6.85%	6.85%	6.85%
0.00%	0.00%	0.00%	0.00%	6.29%
0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%

2028	2029	2030	2031	2032
0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%
14.94%	14.94%	14.94%	14.94%	14.94%
14.94%	14.94%	14.94%	14.94%	14.94%
7.46%	7.46%	7.46%	7.46%	7.46%
14.94%	14.94%	14.94%	14.94%	14.94%
14.94%	14.94%	14.94%	14.94%	14.94%
14.94%	14.94%	14.94%	14.94%	14.94%
11.56%	11.56%	11.56%	11.56%	11.56%
14.94%	14.94%	14.94%	14.94%	14.94%
14.94%	14.94%	14.94%	14.94%	14.94%
11.56%	11.56%	11.56%	11.56%	11.56%
14.94%	14.94%	14.94%	14.94%	14.94%
7.46%	7.46%	7.46%	7.46%	7.46%
9.89%	9.89%	9.89%	9.89%	9.89%
0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	6.85%	6.85%	6.85%
7.46%	7.46%	7.46%	7.46%	7.46%
0.00%	0.00%	0.00%	6.34%	6.34%
0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	6.85%	6.85%	6.85%
0.00%	0.00%	0.00%	0.00%	0.00%
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2028	2029	2030	2031	2032
0.00%	0.00%	0.00%	0.00%	0.00%
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2033	2034	2035	2036	2037	2038	2039	2040
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
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0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
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0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.00%
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0.00%	0.00%	0.00%	0.00%	0.00%	5.00%	5.00%	5.00%
7.46%	7.46%	7.46%	7.46%	7.46%	7.46%	7.46%	7.46%
8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
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14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%
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9.89%	9.89%	9.89%	9.89%	9.89%	9.89%	9.89%	9.89%
6.85%	6.85%	6.85%	6.85%	6.85%	6.85%	6.85%	6.85%
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14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%
14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%
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6.34%	6.34%	6.34%	6.34%	6.34%	6.34%	6.34%	6.34%
14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%
3.56%	3.56%	3.56%	3.56%	3.56%	3.56%	3.56%	3.56%
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6.29%	6.29%	6.29%	6.29%	6.29%	6.29%	6.29%	6.29%
9.89%	9.89%	9.89%	9.89%	9.89%	9.89%	9.89%	9.89%
9.89%	9.89%	9.89%	9.89%	9.89%	9.89%	9.89%	9.89%
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6.85%	6.85%	6.85%	6.85%	6.85%	6.85%	6.85%	6.85%
14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%
8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%
11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%
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11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%
11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
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0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	5.00%	5.00%	5.00%
3.56%	3.56%	3.56%	3.56%	3.56%	3.56%	3.56%	3.56%

6.34%	6.34%	6.34%	6.34%	6.34%	6.34%	6.34%	6.34%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
6.85%	6.85%	6.85%	6.85%	6.85%	6.85%	6.85%	6.85%
6.85%	6.85%	6.85%	6.85%	6.85%	6.85%	6.85%	6.85%
6.29%	6.29%	6.29%	6.29%	6.29%	6.29%	6.29%	6.29%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

2033	2034	2035	2036	2037	2038	2039	2040
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	5.00%	5.00%	5.00%
0.00%	0.00%	0.00%	0.00%	2.85%	2.85%	2.85%	2.85%
14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%
14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%
7.46%	7.46%	7.46%	7.46%	7.46%	7.46%	7.46%	7.46%
14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%
14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%
14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%
11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%
14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%
14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%
11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%
14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%
7.46%	7.46%	7.46%	7.46%	7.46%	7.46%	7.46%	7.46%
9.89%	9.89%	9.89%	9.89%	9.89%	9.89%	9.89%	9.89%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
6.85%	6.85%	6.85%	6.85%	6.85%	6.85%	6.85%	6.85%
7.46%	7.46%	7.46%	7.46%	7.46%	7.46%	7.46%	7.46%
6.34%	6.34%	6.34%	6.34%	6.34%	6.34%	6.34%	6.34%
3.56%	3.56%	3.56%	3.56%	3.56%	3.56%	3.56%	3.56%
6.85%	6.85%	6.85%	6.85%	6.85%	6.85%	6.85%	5.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
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2033	2034	2035	2036	2037	2038	2039	2040
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
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Installed capacity (MW) allocated to WA

mult years	Plexos Resource	Category
0	BIO.QF.NCA._.SML.Roseburg - Weed	Contracts Small QF
0	BIO.QF.PNC._.SML.Finley Bio	Contracts Small QF
0	BIO.QF.SOR._.___.BioOne	Contract
0	BIO.QF.SOR._.SML.Roseburg LFG	Contracts Small QF
0	CL_.Ex.BDG._.___.JimBridger 3	Coal
0	CL_.Ex.BDG._.___.JimBridger 4	Coal
0	CL_.Ex.BDG._._24.JimBridger 1 GC	Coal
0	CL_.Ex.BDG._._24.JimBridger 2 GC	Coal
0	CL_.Ex.COL._.___.Craig 1	Coal
0	CL_.Ex.COL._.___.Craig 2	Coal
0	CL_.Ex.COL._.___.Hayden 1	Coal
0	CL_.Ex.COL._.___.Hayden 2	Coal
0	CL_.Ex.MTA._.___.Colstrip 3	Coal
0	CL_.Ex.MTA._.___.Colstrip 4	Coal
0	CL_.Ex.UTN._._25.Naughton 1	Coal
0	CL_.Ex.UTN._._25.Naughton 2	Coal
0	CL_.Ex.UTS._.___.Hunter 1	Coal
0	CL_.Ex.UTS._.___.Hunter 2	Coal
0	CL_.Ex.UTS._.___.Hunter 3	Coal
0	CL_.Ex.UTS._.___.Huntington 1	Coal
0	CL_.Ex.UTS._.___.Huntington 2	Coal
0	CL_.Ex.WYE._.___.DaveJohnston 1	Coal
0	CL_.Ex.WYE._.___.DaveJohnston 2	Coal
0	CL_.Ex.WYE._.___.DaveJohnston 3	Coal
0	CL_.Ex.WYE._.___.DaveJohnston 4	Coal
0	CL_.Ex.WYE._.___.Wyodak	Coal
0	GCC.Ex.CHE._.___.Chehalis	Gas
0	GCC.Ex.CLV._.___.Currant Creek	Gas
0	GCC.EX.HRM._.___.Hermiston	Gas
0	GCC.EX.UTN._.___.Lakeside 1	Gas
0	GCC.EX.UTN._.___.Lakeside 2	Gas
0	GCV.PL.UTN._.___.Naughton 3	Gas
0	GEO.EX.UTS._.___.Blundell	Geothermal
0	GEO.QF.GOE._.SML.BYU-Idaho	Contracts Small QF
0	GEO.QF.SOR._.SML.OIT	Contracts Small QF
0	GSC.EX.UTN._.___.Gadsby 1	Gas
0	GSC.EX.UTN._.___.Gadsby 2	Gas
0	GSC.EX.UTN._.___.Gadsby 3	Gas
0	GSC.EX.UTN._.___.Gadsby 4	Gas
0	GSC.EX.UTN._.___.Gadsby 5	Gas
0	GSC.EX.UTN._.___.Gadsby 6	Gas
0	HY_.EX.COR._.SMW.Bend	Hydro
0	HY_.EX.MTA._.SME.Bigfork	Hydro
0	HY_.EX.PNC._.LEW.Swift 1	Hydro

0	HY_.EX.PNC._.LEW.Swift 2	Hydro
0	HY_.EX.PNC._.LEW.Yale	Hydro
0	HY_.EX.PNC._.LEW_.Merwin	Hydro
0	HY_.EX.SOR._.KLM.Copco 1	Hydro
0	HY_.EX.SOR._.KLM.Copco 2	Hydro
0	HY_.EX.SOR._.KLM.Iron Gate	Hydro
0	HY_.EX.SOR._.KLM.JC Boyle	Hydro
0	HY_.EX.SOR._.NUR.Clear Water 1	Hydro
0	HY_.EX.SOR._.NUR.Clear Water 2	Hydro
0	HY_.EX.SOR._.NUR.Fish Creek	Hydro
0	HY_.EX.SOR._.NUR.Lemolo 1	Hydro
0	HY_.EX.SOR._.NUR.Lemolo 2	Hydro
0	HY_.EX.SOR._.NUR.Slide Creek	Hydro
0	HY_.EX.SOR._.NUR.Soda Springs	Hydro
0	HY_.EX.SOR._.NUR.Toketee	Hydro
0	HY_.EX.SOR._.ROG.Eagle Point	Hydro
0	HY_.EX.SOR._.ROG.Prospect 1	Hydro
0	HY_.EX.SOR._.ROG.Prospect 2	Hydro
0	HY_.EX.SOR._.ROG.Prospect 3	Hydro
0	HY_.EX.SOR._.ROG.Prospect 4	Hydro
0	HY_.EX.UID._.SME.Ashton	Hydro
0	HY_.EX.UTN._.BER.Cutler	Hydro
0	HY_.EX.UTN._.BER.Grace	Hydro
0	HY_.EX.UTN._.BER.Lifton	Hydro
0	HY_.EX.UTN._.BER.Oneida	Hydro
0	HY_.EX.UTN._.BER.Soda	Hydro
0	HY_.EX.UTS._.SME.PCMN	Hydro
0	HY_.EX.UTS._.SME.PCMS	Hydro
0	HY_.EX.WMV._.SMW.Fall Creek	Hydro
0	HY_.EX.WOR._.SMW.Wallowa Falls	Hydro
0	HY_.PC.GOE._.___.Gem State	Hydro
0	HY_.PC.MDC._.___.Mid Columbia - Priest Rapid	Hydro
0	HY_.QF.COR._.SML.Central Oregon Irrigation	Contracts Small QF
0	HY_.QF.COR._.SML.Dorena	Contracts Small QF
0	HY_.QF.COR._.SML.EBD	Contracts Small QF
0	HY_.QF.COR._.SML.Juniper Ridge	Contracts Small QF
0	HY_.QF.COR._.SML.Monroe	Contracts Small QF
0	HY_.QF.COR._.SML.Swalley	Contracts Small QF
0	HY_.QF.COR._.SML.Three Sister	Contracts Small QF
0	HY_.QF.GOE._.SML.BellM Jake Army	Contracts Small QF
0	HY_.QF.GOE._.SML.BellM Sorenson	Contracts Small QF
0	HY_.QF.GOE._.SML.CDM	Contracts Small QF
0	HY_.QF.GOE._.SML.Dry Creek	Contracts Small QF
0	HY_.QF.GOE._.SML.Ingram Warm Springs	Contracts Small QF
0	HY_.QF.GOE._.SML.Nicholson Sunnybar	Contracts Small QF
0	HY_.QF.GOE._.SML.OJ Power	Contracts Small QF
0	HY_.QF.GOE._.SML.St. Anthony	Contracts Small QF

0	HY_.QF.NCA._.SML.Bogus Creek	Contracts Small QF
0	HY_.QF.NCA._.SML.SLATE CREEK	Contracts Small QF
0	HY_.QF.PNC._.SML.Astoria	Contracts Small QF
0	HY_.QF.PNC._.SML.Farmers Irrigation	Contracts Small QF
0	HY_.QF.PNC._.SML.Middlefork Irrigation	Contracts Small QF
0	HY_.QF.PNC._.SML.Portland Water Bureau	Contracts Small QF
0	HY_.QF.SOR._.SML.C-Drop	Contracts Small QF
0	HY_.QF.SOR._.SML.Eagle Point	Contracts Small QF
0	HY_.QF.SOR._.SML.Galesville Dam	Contracts Small QF
0	HY_.QF.SOR._.SML.Mountain Energy	Contracts Small QF
0	HY_.QF.SOR._.SML.NORTH FORK SPRAGUE	Contracts Small QF
0	HY_.QF.UTN._.SML.Consolidated Irrigation	Contracts Small QF
0	HY_.QF.UTN._.SML.Draper Irrigation	Contracts Small QF
0	HY_.QF.UTN._.SML.Georgetown Power	Contracts Small QF
0	HY_.QF.UTN._.SML.Marsh Valley	Contracts Small QF
0	HY_.QF.UTN._.SML.Mink Creek	Contracts Small QF
0	HY_.QF.UTN._.SML.Preston	Contracts Small QF
0	HY_.QF.UTS._.SML.Cottonwood Lower	Contracts Small QF
0	HY_.QF.UTS._.SML.Cottonwood Upper	Contracts Small QF
0	HY_.QF.UTS._.SML.Thayn Ranch	Contracts Small QF
0	HY_.QF.WMV._.SML.City of Albany	Contracts Small QF
0	HY_.QF.WMV._.SML.Lacomb Irrigation	Contracts Small QF
0	HY_.QF.WYN._.SML.City of Buffalo	Contracts Small QF
0	HYS.PX.YAK._._PS.BM	New Hydro Storage
0	INT.EX.UTN._.___.MagCorp Interruptible	Contract Interruptible
0	INT.EX.UTN._.___.Monsanto Curtailment	Contract Interruptible
0	INT.EX.UTN._.___.Nucor Interruptible	Contract Interruptible
0	INT.EX.UTN._.RES.Monsanto Operating Reserve	Contract Interruptible
0	LTC.PC.4CR._.___.APS, In 4 Corners	Contract Exchange
0	LTC.PC.MNA._.___.Deseret	Contract
0	LTC.PC.SOR._.___.PGE Cove	Contract
0	LTC.SL.BDG._.___.BlackHills to Jim Bridger	Contract
0	LTC.SL.MDC._.___.BlackHills to MidC	Contract
0	LTC.SL.PNC._.___.Cowlitz	Contract
0	LTC.SL.SOR._.___.Foote Creek I - BPA	Contract
0	LTC.SL.SOR._.___.Foote Creek I - EWEB	Contract
0	LTC.SL.UTS._.___.BlackHills to Utah South	Contract
0	LTC.SL.WYE._.___.BlackHills Loss	Contract
0	LTC.SL.WYE._.___.BlackHills to Wyoming NE	Contract
0	NOR.EX.GOE._.RES.	Contract NonOwned Res
0	NOR.EX.GOE._.RES.Offset	Contract NonOwned Res
0	NOR.EX.SOR._.RES.	Contract NonOwned Res
0	NOR.EX.SOR._.RES.Offset	Contract NonOwned Res
0	NOR.EX.UTS._.RES.	Contract NonOwned Res
0	NOR.EX.UTS._.RES.Offset	Contract NonOwned Res
0	NOR.EX.WWA._.RES.	Contract NonOwned Res
0	NOR.EX.WWA._.RES.Offset	Contract NonOwned Res

0	NUC.PX.BDG._.___.Sm Adv Bridger	New Nuclear
0	NUC.PX.UTN._.___.Sm Adv Naughton	New Nuclear
0	PV_.EX.COR.H.FB_.Prineville	Solar
0	PV_.EX.UTN._.UU.Castle Solar	Solar
0	PV_.EX.UTS._.UVU.Elektron Solar 20Yr	Solar
0	PV_.EX.UTS._.UVU.Elektron Solar 25Yr	Solar
0	PV_.EX.UTS.H.___.Pavant III LLC	Solar
0	PV_.EX.UTS.H.FB_.Cove Mountain	Solar
0	PV_.EX.UTS.H.FB_.Hunter	Solar
0	PV_.EX.UTS.H.FB_.Milford	Solar
0	PV_.EX.UTS.H.FB_.Sigurd	Solar
0	PV_.PC.SOR.H.___.Black Cap	Solar
0	PV_.PC.SOR.H.___.Old Mill	Solar
0	PV_.PC.SOR.H.___.Oregon Solar Incentive Proje	Solar
0	PV_.PC.SOR.H.___.Skyol	Solar
0	PV_.PC.UTN._.FB_.Appaloosa Solar IA	Solar
0	PV_.PC.UTN._.FB_.Appaloosa Solar IB	Solar
0	PV_.PC.UTN.H.___.Graphite	Solar
0	PV_.PC.UTN.H.___.HorseShoe	Solar
0	PV_.PC.UTN.H.___.Rocket	Solar
0	PV_.PC.UTS.H.___.Cove Mtn II	Solar
0	PV_.PX.UTS._.RFP.Glen Canyon Solar-805a_P	New Solar, Solar + Storag
0	PV_.QF.COR._.___.Tumbleweed	Contracts Small QF
0	PV_.QF.PNC._.___.Adams	Contracts Small QF
0	PV_.QF.PNC._.___.Elbe	Contracts Small QF
0	PV_.QF.SOR._.___.BearCreek	Contracts Small QF
0	PV_.QF.SOR._.___.Black Cap II	Contracts Small QF
0	PV_.QF.SOR._.___.Bly	Contracts Small QF
0	PV_.QF.SOR._.___.Captain Jack	Solar
0	PV_.QF.SOR._.___.Ivory	Contracts Small QF
0	PV_.QF.SOR._.___.Merrill	Contracts Small QF
0	PV_.QF.SOR._.___.NW2_Neff	Contracts Small QF
0	PV_.QF.SOR._.___.NW4_Bonanza	Contracts Small QF
0	PV_.QF.SOR._.___.NW7_EaglePoint	Contracts Small QF
0	PV_.QF.SOR._.___.NW9_Pendleton	Contracts Small QF
0	PV_.QF.SOR._.___.OR1_SpragRiver	Contracts Small QF
0	PV_.QF.SOR._.___.OR2_AgateBay	Contracts Small QF
0	PV_.QF.SOR._.___.OR3_TurkeyHill	Contracts Small QF
0	PV_.QF.SOR._.___.OR5_Merril	Contracts Small QF
0	PV_.QF.SOR._.___.OR6_Lakeview	Contracts Small QF
0	PV_.QF.SOR._.___.OR7_Jacksonville	Contracts Small QF
0	PV_.QF.SOR._.___.OR8_Dairy	Contracts Small QF
0	PV_.QF.SOR._.___.OSLHCollier	Contracts Small QF
0	PV_.QF.TRO.H.___.Sage I	Solar
0	PV_.QF.TRO.H.___.Sage II	Solar
0	PV_.QF.TRO.H.___.Sage III	Solar
0	PV_.QF.TRO.H.___.Sweetwater	Solar

0	PV_.QF.UTS._.___.Beryl	Contracts Small QF
0	PV_.QF.UTS._.___.Buckhorn	Contracts Small QF
0	PV_.QF.UTS._.___.CedarValley	Contracts Small QF
0	PV_.QF.UTS._.___.Chiloquin	Contracts Small QF
0	PV_.QF.UTS._.___.Ewauna	Contracts Small QF
0	PV_.QF.UTS._.___.EwaunaII	Contracts Small QF
0	PV_.QF.UTS._.___.GranitePeak	Contracts Small QF
0	PV_.QF.UTS._.___.Greenville	Contracts Small QF
0	PV_.QF.UTS._.___.Laho	Contracts Small QF
0	PV_.QF.UTS._.___.Milford2	Contracts Small QF
0	PV_.QF.UTS._.___.MilfordFlat	Contracts Small QF
0	PV_.QF.UTS._.___.QuichapaI	Contracts Small QF
0	PV_.QF.UTS._.___.QuichapaII	Contracts Small QF
0	PV_.QF.UTS._.___.QuichapaIII	Contracts Small QF
0	PV_.QF.UTS._.___.SouthMilford	Contracts Small QF
0	PV_.QF.UTS._.___.SunE1	Contracts Small QF
0	PV_.QF.UTS._.___.SunE2	Contracts Small QF
0	PV_.QF.UTS._.___.SunE3	Contracts Small QF
0	PV_.QF.UTS._.___.Woodline	Contracts Small QF
0	PV_.QF.UTS.H.___.Enterprise	Solar
0	PV_.QF.UTS.H.___.Escalante I	Solar
0	PV_.QF.UTS.H.___.Escalante II	Solar
0	PV_.QF.UTS.H.___.Escalante III	Solar
0	PV_.QF.UTS.H.___.Granite Mountain - East	Solar
0	PV_.QF.UTS.H.___.Granite Mountain - West	Solar
0	PV_.QF.UTS.H.___.Iron Springs	Solar
0	PV_.QF.UTS.H.___.Pavant	Solar
0	PV_.QF.UTS.H.___.Pavant II LLC	Solar
0	PV_.QF.UTS.H.___.Red Hill	Solar
0	PV_.QF.UTS.H.___.Three Peaks	Solar
0	PVS.PX.BOR._.002.PV	New Solar, Solar + Storag
0	PVS.PX.COR._.___.PV	New Solar, Solar + Storag
0	PVS.PX.SOR._.___.PV	New Solar, Solar + Storag
0	PVS.PX.SOR._.RFP.Hamaker-905__P	New Solar, Solar + Storag
0	PVS.PX.SOR._.RFP.Hayden 2-906__P	New Solar, Solar + Storag
0	PVS.PX.SOR.C.___.PV 2028	New Solar, Solar + Storag
0	PVS.PX.UTN._.___.PV	New Solar, Solar + Storag
0	PVS.PX.UTN._.RFP.Rocket Solar-862d_P	New Solar, Solar + Storag
3	PVS.PX.UTS._.___.Hunter.PV	New Solar, Solar + Storag
0	PVS.PX.UTS._.___.PV	New Solar, Solar + Storag
0	PVS.PX.UTS._.RFP.Fremont Solar-634b_P	New Solar, Solar + Storag
0	PVS.PX.UTS._.RFP.Green River-787c_P	New Solar, Solar + Storag
0	PVS.PX.UTS._.RFP.HORNSHADOW SOLAR I-777a	New Solar, Solar + Storag
0	PVS.PX.UTS._.RFP.HORNSHADOW SOLAR II-778	New Solar, Solar + Storag
0	PVS.PX.UTS._.RFP.Parowan Solar-642__P	New Solar, Solar + Storag
0	PVS.PX.UTS._.RFP.Rush Lake Solar-636b_P	New Solar, Solar + Storag
5	PVS.PX.YAK._.___.PV	New Solar, Solar + Storag

0	THM.QF.GOE._.SML.Cargill	Contracts Small QF
0	THM.QF.PNC._.SML.Farm Misty Meadows	Contracts Small QF
0	THM.QF.SOR._.SML.Oregon Environmental	Contracts Small QF
0	THM.QF.TRO._.SML.Tata Chemical	Contracts Small QF
0	THM.QF.UTN._.___.Tesoro	Contract
0	THM.QF.UTS._.___.Sunnyside Additional	Contract
0	THM.QF.UTS._.___.Sunnyside Base	Contract
0	THM.QF.UTS._.SML.Hill AFB	Contracts Small QF
0	THM.QF.UTS._.SML.Weber County	Contracts Small QF
0	THM.QF.WMV._.SML.RES Ag-Oak Lea BG	Contracts Small QF
0	THM.QF.WMV._.SML.Stahlbush	Contracts Small QF
0	THM.QF.WWA._.SML.TMF BioF	Contracts Small QF
0	WD_.EX.WWA.H.REP.Marengo I	Wind
0	WD_.EX.WWA.H.REP.Marengo II	Wind
0	WD_.EX.WWA.H.RES.Seattle City & Light	Wind
0	WD_.EX.WYE.H.___.Cedar Creek 2	Wind
0	WD_.EX.WYE.H.___.Cedar Springs III	Wind
0	WD_.EX.WYE.H.___.Ekola Flats 1	Wind
0	WD_.EX.WYE.H.___.TB Flats 3	Wind
0	WD_.EX.WYE.H.REP.Dunlap 1	Wind
0	WD_.EX.WYE.H.REP.Foote Creek I	Wind
0	WD_.EX.WYE.H.REP.Glenrock I	Wind
0	WD_.EX.WYE.H.REP.Glenrock III	Wind
0	WD_.EX.WYE.H.REP.High Plains	Wind
0	WD_.EX.WYE.H.REP.McFadden Ridge 1	Wind
0	WD_.EX.WYE.H.REP.Rolling Hills	Wind
0	WD_.EX.WYE.H.REP.Seven Mile Hill	Wind
0	WD_.EX.WYE.H.REP.Seven Mile Hill II	Wind
0	WD_.EX.WYN.H.___.Pryor Mountain	Wind
0	WD_.EX.Yak.H.REP.Goodnoe Hills East	Wind
0	WD_.EX.Yak.H.REP.Leaning Juniper	Wind
0	WD_.PC.GOE.H.___.Wolverine Creek	Wind
0	WD_.PC.WWA.H.___.Combine Hills	Wind
0	WD_.PC.WWA.H.___.Seattle City & Light	Wind
0	WD_.PC.WYE.H.___.Three Buttes Power (Duke)	Wind
0	WD_.PC.WYE.H.___.Top of the World	Wind
0	WD_.PX.GOE._.RFP.Cedar Creek-255__P	New Wind, Wind + Stora
0	WD_.PX.PNC._.___.WD	New Wind, Wind + Stora
0	WD_.PX.PNC._.006.WD	New Wind, Wind + Stora
0	WD_.PX.WMV._.006.WD	New Wind, Wind + Stora
6	WD_.PX.WYE._.___.Djohns.WD	New Wind, Wind + Stora
0	WD_.PX.WYE._.___.WD	New Wind, Wind + Stora
0	WD_.PX.WYE._.REP.FCII-IV	Wind
0	WD_.PX.WYE._.REP.RockR	Wind
0	WD_.PX.WYE._.RFP.Anticline-785__P	New Wind, Wind + Stora
0	WD_.PX.WYE._.RFP.Boswell-409a__P	New Wind, Wind + Stora
0	WD_.PX.WYE._.RFP.Cedar Springs-713c_P	New Wind, Wind + Stora

0	WD_.PX.WYE._.RFP.Rock Creek-1131aB	New Wind, Wind + Stora
0	WD_.PX.WYE._.RFP.Rock Creek-835a_B	New Wind, Wind + Stora
0	WD_.PX.WYE._.RFP.Two Rivers-719c_P	New Wind, Wind + Stora
0	WD_.QF.GOE.H.___.Meadow Creek Project Five	Wind
0	WD_.QF.GOE.H.___.North Point	Wind
0	WD_.QF.PNC._.___.Mariah	Contracts Small QF
0	WD_.QF.PNC._.___.Orem Family	Contracts Small QF
0	WD_.QF.UTN.H.___.Mountain Power I	Wind
0	WD_.QF.UTN.H.___.Mountain Power II	Wind
0	WD_.QF.UTN.H.___.Power County	Wind
0	WD_.QF.UTN.H.___.Power County Park North	Wind
0	WD_.QF.UTN.H.___.Spanish Fork Park 2	Wind
0	WD_.QF.UTN.H.___.Tooele	Wind
0	WD_.QF.UTS.H.___.Latigo	Wind
0	WD_.QF.WWA._.___.Big Top ORWF	Contracts Small QF
0	WD_.QF.WWA._.___.Butter Creek Power ORWF	Contracts Small QF
0	WD_.QF.WWA._.___.Chopin	Contracts Small QF
0	WD_.QF.WWA._.___.Four Corners ORWF	Contracts Small QF
0	WD_.QF.WWA._.___.Four Mile Canyon ORWF	Contracts Small QF
0	WD_.QF.WWA._.___.Oregon Trail ORWF	Contracts Small QF
0	WD_.QF.WWA._.___.Pacific Canyon ORWF	Contracts Small QF
0	WD_.QF.WWA._.___.Sand Ranch ORWF	Contracts Small QF
0	WD_.QF.WWA._.___.Three Mile Canyon	Contracts Small QF
0	WD_.QF.WWA._.___.Wagon Trail ORWF	Contracts Small QF
0	WD_.QF.WWA._.___.Ward Butte ORWF	Contracts Small QF
0	WD_.QF.WWA.H.___.Orchard	Wind
0	WD_.QF.WYE.H.___.Pioneer Park I	Wind
0	WD_.QF.WYN._.SML.BLM Rawlins	Contracts Small QF
0	WD_.SL.MDC._.___.Seattle City & Light	Contract Exchange
0	XSC.PX.BDG._.___.Jim Bridger - Non-E	New Non-emitting Peaki
0	XSC.PX.HRM._.___.Non-E	New Non-emitting Peaki
0	XSC.PX.UTN._.___.Non-E	New Non-emitting Peaki
0	XSC.PX.UWY._.___.Naughton - Non-E	New Non-emitting Peaki
0	XSC.PX.WYE._.___.Wyodak - Non-E	New Non-emitting Peaki
0	PWS.PX.YAK._.___.PV	New Solar, Solar + Storag
0	PWS.PX.YAK._.___.WD	New Wind, Wind + Stora

Batteries	Plexos Resource	Category
0	BAT.EX.UTS._.___.Panguitch	New Stand Alone
0	BAT.PX.BDG._.___.SM Nuclear Bridger	New Nuclear Storage
0	BAT.PX.PNC._.___.Lithium-ion	New Stand Alone
0	BAT.PX.SOR._.RFP.Hamaker-905__P	New PVS Batteries
0	BAT.PX.SOR._.RFP.Hayden 2-906__P	New PVS Batteries
0	BAT.PX.UTN._.___.SM Nuclear Naughton	New Nuclear Storage

0	BAT.PX.UTN._.RFP.Dominguez-1175bT	New Stand Alone
0	BAT.PX.UTN._.RFP.Rocket Solar-862d_P	New PVS Batteries
0	BAT.PX.UTS._.RFP.Fremont Solar-634b_P	New PVS Batteries
0	BAT.PX.UTS._.RFP.Green River-787c_P	New PVS Batteries
0	BAT.PX.UTS._.RFP.HORNSHADOW SOLAR I-777a	New PVS Batteries
0	BAT.PX.UTS._.RFP.HORNSHADOW SOLAR II-778	New PVS Batteries
0	BAT.PX.UTS._.RFP.Parowan Solar-642__P	New PVS Batteries
0	BAT.PX.UTS._.RFP.Rush Lake Solar-636b_P	New PVS Batteries
1	BAT.PX.WYE._.___.DJ+Wyodak	New Stand Alone
0	PVS.PX.BOR._.002.BAT	New PVS Batteries
0	PVS.PX.COR._.___.BAT	New PVS Batteries
0	PVS.PX.SOR._.___.BAT	New PVS Batteries
0	PVS.PX.SOR.C.___.BAT 2028	New PVS Batteries
0	PVS.PX.UTN._.___.BAT	New PVS Batteries
0	PVS.PX.UTS._.___.BAT	New PVS Batteries
2	PVS.PX.UTS._.___.Hunter.BAT	New PVS Batteries
4	PVS.PX.YAK._.___.BAT	New PVS Batteries
0	PWS.PX.YAK._.___.BAT	New PVS Batteries

DSM	**Plexos Resources**	**Category**
	DRS.EX.GOE._.___.Irrigation	DSM
	DRS.EX.UTN._.___.Cool Keeper	DSM
	DRS.EX.UTN._.___.Irrigation	DSM
	DRS.PX.GOE._.CI_.Battery DLC	New DSM DR
	DRS.PX.GOE._.CI_.Grid Interactive Water Htr	New DSM DR
	DRS.PX.GOE._.CI_.Smart Thermostats	New DSM DR
	DRS.PX.GOE._.IRR.Irrigation DLC	New DSM DR
	DRS.PX.GOE._.RES.Battery DLC	New DSM DR
	DRS.PX.GOE._.RES.EV DLC	New DSM DR
	DRS.PX.GOE._.RES.Grid Interactive Water Htr	New DSM DR
	DRS.PX.GOE._.RES.HVAC - DLC	New DSM DR
	DRS.PX.GOE._.RES.Water Heater - DLC	New DSM DR
	DRS.PX.GOE._.RFP.ID, Act-Battery	New DSM RFP DR
	DRS.PX.GOE._.RFP.ID, Curtailment - CPower Ene	New DSM RFP DR
	DRS.PX.GOE._.RFP.ID, Passive-Battery	New DSM RFP DR
	DRS.PX.NCA._.CI_.Battery DLC	New DSM DR
	DRS.PX.NCA._.CI_.Grid Interactive Water Htr	New DSM DR
	DRS.PX.NCA._.CI_.HVAC - DLC	New DSM DR
	DRS.PX.NCA._.CI_.Smart Thermostats	New DSM DR
	DRS.PX.NCA._.IRR.Irrigation DLC	New DSM DR
	DRS.PX.NCA._.RES.Battery DLC	New DSM DR
	DRS.PX.NCA._.RES.EV DLC	New DSM DR
	DRS.PX.NCA._.RES.Grid Interactive Water Htr	New DSM DR
	DRS.PX.NCA._.RES.Home Energy Mgmt Sys	New DSM DR

DRS.PX.NCA._.RES.HVAC - DLC	New DSM DR
DRS.PX.NCA._.RES.Smart Thermostats	New DSM DR
DRS.PX.NCA._.RES.Water Heater - DLC	New DSM DR
DRS.PX.NCA._.RFP.CA, Act-Battery	New DSM RFP DR
DRS.PX.NCA._.RFP.CA, Curtailment - CPower En	New DSM RFP DR
DRS.PX.NCA._.RFP.CA, Passive-Battery	New DSM RFP DR
DRS.PX.NCA._.RFP.CA, Thermostat - Ademco, In	New DSM RFP DR
DRS.PX.SOR._.CI_.3 Party	New DSM DR
DRS.PX.SOR._.CI_.Battery DLC	New DSM DR
DRS.PX.SOR._.CI_.Grid Interactive Water Htr	New DSM DR
DRS.PX.SOR._.CI_.HVAC - DLC	New DSM DR
DRS.PX.SOR._.CI_.Pool Pump - DLC	New DSM DR
DRS.PX.SOR._.CI_.Smart Thermostats	New DSM DR
DRS.PX.SOR._.CI_.Water Heater - DLC	New DSM DR
DRS.PX.SOR._.IRR.Irrigation DLC	New DSM DR
DRS.PX.SOR._.RES.Battery DLC	New DSM DR
DRS.PX.SOR._.RES.EV DLC	New DSM DR
DRS.PX.SOR._.RES.Grid Interactive Water Htr	New DSM DR
DRS.PX.SOR._.RES.Home Energy Mgmt Sys	New DSM DR
DRS.PX.SOR._.RES.HVAC - DLC	New DSM DR
DRS.PX.SOR._.RES.Smart Thermostats	New DSM DR
DRS.PX.SOR._.RES.Water Heater - DLC	New DSM DR
DRS.PX.SOR._.RFP.CAOR, Ancillary Services	New DSM RFP DR
DRS.PX.SOR._.RFP.OR, Act-Battery	New DSM RFP DR
DRS.PX.SOR._.RFP.OR, BYOT, Energy Hub	New DSM RFP DR
DRS.PX.SOR._.RFP.OR, Curtailment - CPower En	New DSM RFP DR
DRS.PX.SOR._.RFP.OR, Irrigate - BPL	New DSM RFP DR
DRS.PX.SOR._.RFP.OR, Passive-Battery	New DSM RFP DR
DRS.PX.SOR._.RFP.OR, Wtr Heater, OATI	New DSM RFP DR
DRS.PX.UTN._.CI_.3 Party	New DSM DR
DRS.PX.UTN._.CI_.Battery DLC	New DSM DR
DRS.PX.UTN._.CI_.Grid Interactive Water Htr	New DSM DR
DRS.PX.UTN._.CI_.HVAC - DLC	New DSM DR
DRS.PX.UTN._.CI_.Pool Pump - DLC	New DSM DR
DRS.PX.UTN._.CI_.Smart Thermostats	New DSM DR
DRS.PX.UTN._.CI_.Water Heater - DLC	New DSM DR
DRS.PX.UTN._.IRR.Irrigation DLC	New DSM DR
DRS.PX.UTN._.RES.Battery DLC	New DSM DR
DRS.PX.UTN._.RES.EV DLC	New DSM DR
DRS.PX.UTN._.RES.Grid Interactive Water Htr	New DSM DR
DRS.PX.UTN._.RES.HVAC - DLC	New DSM DR
DRS.PX.UTN._.RES.Water Heater - DLC	New DSM DR
DRS.PX.UTN._.RFP.UT, Act-Battery	New DSM RFP DR
DRS.PX.UTN._.RFP.UT, C&I - Expansion	New DSM RFP DR
DRS.PX.UTN._.RFP.UT, Curtailment - CPower En	New DSM RFP DR
DRS.PX.UTN._.RFP.UT, Passive-Battery	New DSM RFP DR
DRS.PX.WYC._.CI_.3 Party	New DSM DR

DRS.PX.WYC._.CI_.Battery DLC	New DSM DR
DRS.PX.WYC._.CI_.Grid Interactive Water Htr	New DSM DR
DRS.PX.WYC._.CI_.Smart Thermostats	New DSM DR
DRS.PX.WYC._.CI_.Water Heater - DLC	New DSM DR
DRS.PX.WYC._.IRR.Irrigation DLC	New DSM DR
DRS.PX.WYC._.RES.Battery DLC	New DSM DR
DRS.PX.WYC._.RES.EV DLC	New DSM DR
DRS.PX.WYC._.RES.Grid Interactive Water Htr	New DSM DR
DRS.PX.WYC._.RES.HVAC - DLC	New DSM DR
DRS.PX.WYC._.RES.Water Heater - DLC	New DSM DR
DRS.PX.WYC._.RFP.WY, Act-Battery	New DSM RFP DR
DRS.PX.WYC._.RFP.WY, Curtailment - CPower E	New DSM RFP DR
DRS.PX.WYC._.RFP.WY, Passive-Battery	New DSM RFP DR
DRS.PX.YAK._.CI_.3 Party	New DSM DR
DRS.PX.YAK._.CI_.Battery DLC	New DSM DR
DRS.PX.YAK._.CI_.Grid Interactive Water Htr	New DSM DR
DRS.PX.YAK._.CI_.HVAC - DLC	New DSM DR
DRS.PX.YAK._.CI_.Smart Thermostats	New DSM DR
DRS.PX.YAK._.CI_.Water Heater - DLC	New DSM DR
DRS.PX.YAK._.IRR.Irrigation DLC	New DSM DR
DRS.PX.YAK._.RES.Battery DLC	New DSM DR
DRS.PX.YAK._.RES.EV DLC	New DSM DR
DRS.PX.YAK._.RES.Grid Interactive Water Htr	New DSM DR
DRS.PX.YAK._.RES.Home Energy Mgmt Sys	New DSM DR
DRS.PX.YAK._.RES.HVAC - DLC	New DSM DR
DRS.PX.YAK._.RES.Smart Thermostats	New DSM DR
DRS.PX.YAK._.RES.Water Heater - DLC	New DSM DR
DRS.PX.YAK._.RFP.WA, Act-Battery	New DSM RFP DR
DRS.PX.YAK._.RFP.WA, Agr C&I - Eaton	New DSM RFP DR
DRS.PX.YAK._.RFP.WA, BYOT, Energy Hub	New DSM RFP DR
DRS.PX.YAK._.RFP.WA, Curtailment - CPower En	New DSM RFP DR
DRS.PX.YAK._.RFP.WA, Irrigate - BPL	New DSM RFP DR
DRS.PX.YAK._.RFP.WA, Passive-Battery	New DSM RFP DR
DRS.PX.YAK._.RFP.WA, Wtr Heater, OATI	New DSM RFP DR
DRW.PX.GOE._.CI_.Battery DLC	New DSM DR
DRW.PX.GOE._.CI_.Grid Interactive Water Htr	New DSM DR
DRW.PX.GOE._.CI_.Smart Thermostats	New DSM DR
DRW.PX.GOE._.RES.Battery DLC	New DSM DR
DRW.PX.GOE._.RES.EV DLC	New DSM DR
DRW.PX.GOE._.RES.Grid Interactive Water Htr	New DSM DR
DRW.PX.GOE._.RES.HVAC - DLC	New DSM DR
DRW.PX.GOE._.RES.Water Heater - DLC	New DSM DR
DRW.PX.NCA._.CI_.Battery DLC	New DSM DR
DRW.PX.NCA._.CI_.Grid Interactive Water Htr	New DSM DR
DRW.PX.NCA._.CI_.Smart Thermostats	New DSM DR
DRW.PX.NCA._.CI_.Water Heater - DLC	New DSM DR
DRW.PX.NCA._.RES.Battery DLC	New DSM DR

DRW.PX.NCA._.RES.EV DLC	New DSM DR
DRW.PX.NCA._.RES.Grid Interactive Water Htr	New DSM DR
DRW.PX.NCA._.RES.Home Energy Mgmt Sys	New DSM DR
DRW.PX.NCA._.RES.HVAC - DLC	New DSM DR
DRW.PX.NCA._.RES.Smart Thermostats	New DSM DR
DRW.PX.NCA._.RES.Water Heater - DLC	New DSM DR
DRW.PX.SOR._.CI_.3 Party	New DSM DR
DRW.PX.SOR._.CI_.Battery DLC	New DSM DR
DRW.PX.SOR._.CI_.Grid Interactive Water Htr	New DSM DR
DRW.PX.SOR._.CI_.HVAC - DLC	New DSM DR
DRW.PX.SOR._.CI_.Pool Pump - DLC	New DSM DR
DRW.PX.SOR._.CI_.Smart Thermostats	New DSM DR
DRW.PX.SOR._.CI_.Water Heater - DLC	New DSM DR
DRW.PX.SOR._.RES.Battery DLC	New DSM DR
DRW.PX.SOR._.RES.EV DLC	New DSM DR
DRW.PX.SOR._.RES.Grid Interactive Water Htr	New DSM DR
DRW.PX.SOR._.RES.Home Energy Mgmt Sys	New DSM DR
DRW.PX.SOR._.RES.HVAC - DLC	New DSM DR
DRW.PX.SOR._.RES.Smart Thermostats	New DSM DR
DRW.PX.SOR._.RES.Water Heater - DLC	New DSM DR
DRW.PX.UTN._.CI_.3 Party	New DSM DR
DRW.PX.UTN._.CI_.Battery DLC	New DSM DR
DRW.PX.UTN._.CI_.Grid Interactive Water Htr	New DSM DR
DRW.PX.UTN._.CI_.HVAC - DLC	New DSM DR
DRW.PX.UTN._.CI_.Pool Pump - DLC	New DSM DR
DRW.PX.UTN._.CI_.Smart Thermostats	New DSM DR
DRW.PX.UTN._.CI_.Water Heater - DLC	New DSM DR
DRW.PX.UTN._.RES.Battery DLC	New DSM DR
DRW.PX.UTN._.RES.EV DLC	New DSM DR
DRW.PX.UTN._.RES.Grid Interactive Water Htr	New DSM DR
DRW.PX.UTN._.RES.HVAC - DLC	New DSM DR
DRW.PX.UTN._.RES.Water Heater - DLC	New DSM DR
DRW.PX.WYC._.CI_.3 Party	New DSM DR
DRW.PX.WYC._.CI_.Battery DLC	New DSM DR
DRW.PX.WYC._.CI_.Pool Pump - DLC	New DSM DR
DRW.PX.WYC._.CI_.Smart Thermostats	New DSM DR
DRW.PX.WYC._.CI_.Water Heater - DLC	New DSM DR
DRW.PX.WYC._.RES.Battery DLC	New DSM DR
DRW.PX.WYC._.RES.EV DLC	New DSM DR
DRW.PX.WYC._.RES.Grid Interactive Water Htr	New DSM DR
DRW.PX.WYC._.RES.HVAC - DLC	New DSM DR
DRW.PX.WYC._.RES.Water Heater - DLC	New DSM DR
DRW.PX.YAK._.CI_.3 Party	New DSM DR
DRW.PX.YAK._.CI_.Battery DLC	New DSM DR
DRW.PX.YAK._.CI_.Grid Interactive Water Htr	New DSM DR
DRW.PX.YAK._.CI_.HVAC - DLC	New DSM DR
DRW.PX.YAK._.CI_.Smart Thermostats	New DSM DR

DRW.PX.YAK._.CI_.Water Heater - DLC	New DSM DR
DRW.PX.YAK._.RES.Battery DLC	New DSM DR
DRW.PX.YAK._.RES.EV DLC	New DSM DR
DRW.PX.YAK._.RES.Grid Interactive Water Htr	New DSM DR
DRW.PX.YAK._.RES.Home Energy Mgmt Sys	New DSM DR
DRW.PX.YAK._.RES.HVAC - DLC	New DSM DR
DRW.PX.YAK._.RES.Smart Thermostats	New DSM DR
DRW.PX.YAK._.RES.Water Heater - DLC	New DSM DR
EE_.EX.GOE._.___.Idaho	DSM
EE_.EX.NCA._.___.California	DSM
EE_.EX.SOR._.___.Oregon	DSM
EE_.EX.UTN._.___.Utah	DSM
EE_.EX.WYC._.___.Wyoming	DSM
EE_.EX.YAK._.___.Washington	DSM
EE_.PL.GOE._.YR1.Idaho	DSM
EE_.PL.NCA._.YR1.California	DSM
EE_.PL.SOR._.YR1.Oregon	DSM
EE_.PL.UTN._.YR1.Utah	DSM
EE_.PL.WYC._.YR1.Wyoming	DSM
EE_.PL.YAK._.YR1.Washington	DSM
EE_.PX.GOE._.001.ID	New DSM Energy Efficier
EE_.PX.GOE._.002.ID	New DSM Energy Efficier
EE_.PX.GOE._.003.ID	New DSM Energy Efficier
EE_.PX.GOE._.004.ID	New DSM Energy Efficier
EE_.PX.GOE._.005.ID	New DSM Energy Efficier
EE_.PX.GOE._.006.ID	New DSM Energy Efficier
EE_.PX.GOE._.007.ID	New DSM Energy Efficier
EE_.PX.GOE._.008.ID	New DSM Energy Efficier
EE_.PX.GOE._.009.ID	New DSM Energy Efficier
EE_.PX.GOE._.010.ID	New DSM Energy Efficier
EE_.PX.GOE._.011.ID	New DSM Energy Efficier
EE_.PX.GOE._.012.ID	New DSM Energy Efficier
EE_.PX.GOE._.013.ID	New DSM Energy Efficier
EE_.PX.GOE._.014.ID	New DSM Energy Efficier
EE_.PX.GOE._.015.ID	New DSM Energy Efficier
EE_.PX.GOE._.016.ID	New DSM Energy Efficier
EE_.PX.GOE._.017.ID	New DSM Energy Efficier
EE_.PX.GOE._.018.ID	New DSM Energy Efficier
EE_.PX.GOE._.019.ID	New DSM Energy Efficier
EE_.PX.GOE._.020.ID	New DSM Energy Efficier
EE_.PX.GOE._.021.ID	New DSM Energy Efficier
EE_.PX.GOE._.022.ID	New DSM Energy Efficier
EE_.PX.GOE._.023.ID	New DSM Energy Efficier
EE_.PX.GOE._.024.ID	New DSM Energy Efficier
EE_.PX.GOE._.025.ID	New DSM Energy Efficier
EE_.PX.GOE._.026.ID	New DSM Energy Efficier
EE_.PX.GOE._.027.ID	New DSM Energy Efficier

EE_.PX.GOE._.HER.ID	New DSM Energy Efficier
EE_.PX.NCA._.001.CA	New DSM Energy Efficier
EE_.PX.NCA._.002.CA	New DSM Energy Efficier
EE_.PX.NCA._.003.CA	New DSM Energy Efficier
EE_.PX.NCA._.004.CA	New DSM Energy Efficier
EE_.PX.NCA._.005.CA	New DSM Energy Efficier
EE_.PX.NCA._.006.CA	New DSM Energy Efficier
EE_.PX.NCA._.007.CA	New DSM Energy Efficier
EE_.PX.NCA._.008.CA	New DSM Energy Efficier
EE_.PX.NCA._.009.CA	New DSM Energy Efficier
EE_.PX.NCA._.011.CA	New DSM Energy Efficier
EE_.PX.NCA._.013.CA	New DSM Energy Efficier
EE_.PX.NCA._.014.CA	New DSM Energy Efficier
EE_.PX.NCA._.015.CA	New DSM Energy Efficier
EE_.PX.NCA._.016.CA	New DSM Energy Efficier
EE_.PX.NCA._.017.CA	New DSM Energy Efficier
EE_.PX.NCA._.018.CA	New DSM Energy Efficier
EE_.PX.NCA._.019.CA	New DSM Energy Efficier
EE_.PX.NCA._.020.CA	New DSM Energy Efficier
EE_.PX.NCA._.021.CA	New DSM Energy Efficier
EE_.PX.NCA._.022.CA	New DSM Energy Efficier
EE_.PX.NCA._.023.CA	New DSM Energy Efficier
EE_.PX.NCA._.024.CA	New DSM Energy Efficier
EE_.PX.NCA._.025.CA	New DSM Energy Efficier
EE_.PX.NCA._.026.CA	New DSM Energy Efficier
EE_.PX.SOR._.001.OR	New DSM Energy Efficier
EE_.PX.SOR._.002.OR	New DSM Energy Efficier
EE_.PX.SOR._.003.OR	New DSM Energy Efficier
EE_.PX.SOR._.004.OR	New DSM Energy Efficier
EE_.PX.SOR._.006.OR	New DSM Energy Efficier
EE_.PX.SOR._.007.OR	New DSM Energy Efficier
EE_.PX.SOR._.008.OR	New DSM Energy Efficier
EE_.PX.SOR._.010.OR	New DSM Energy Efficier
EE_.PX.SOR._.011.OR	New DSM Energy Efficier
EE_.PX.SOR._.012.OR	New DSM Energy Efficier
EE_.PX.SOR._.013.OR	New DSM Energy Efficier
EE_.PX.SOR._.014.OR	New DSM Energy Efficier
EE_.PX.SOR._.015.OR	New DSM Energy Efficier
EE_.PX.SOR._.016.OR	New DSM Energy Efficier
EE_.PX.SOR._.017.OR	New DSM Energy Efficier
EE_.PX.SOR._.018.OR	New DSM Energy Efficier
EE_.PX.SOR._.019.OR	New DSM Energy Efficier
EE_.PX.SOR._.020.OR	New DSM Energy Efficier
EE_.PX.SOR._.021.OR	New DSM Energy Efficier
EE_.PX.SOR._.022.OR	New DSM Energy Efficier
EE_.PX.SOR._.023.OR	New DSM Energy Efficier
EE_.PX.SOR._.024.OR	New DSM Energy Efficier

EE_.PX.SOR._.025.OR	New DSM Energy Efficier
EE_.PX.SOR._.026.OR	New DSM Energy Efficier
EE_.PX.SOR._.027.OR	New DSM Energy Efficier
EE_.PX.SOR._.HER.OR	New DSM Energy Efficier
EE_.PX.UTN._.001.UT	New DSM Energy Efficier
EE_.PX.UTN._.002.UT	New DSM Energy Efficier
EE_.PX.UTN._.003.UT	New DSM Energy Efficier
EE_.PX.UTN._.004.UT	New DSM Energy Efficier
EE_.PX.UTN._.005.UT	New DSM Energy Efficier
EE_.PX.UTN._.006.UT	New DSM Energy Efficier
EE_.PX.UTN._.007.UT	New DSM Energy Efficier
EE_.PX.UTN._.008.UT	New DSM Energy Efficier
EE_.PX.UTN._.009.UT	New DSM Energy Efficier
EE_.PX.UTN._.010.UT	New DSM Energy Efficier
EE_.PX.UTN._.011.UT	New DSM Energy Efficier
EE_.PX.UTN._.012.UT	New DSM Energy Efficier
EE_.PX.UTN._.013.UT	New DSM Energy Efficier
EE_.PX.UTN._.014.UT	New DSM Energy Efficier
EE_.PX.UTN._.015.UT	New DSM Energy Efficier
EE_.PX.UTN._.016.UT	New DSM Energy Efficier
EE_.PX.UTN._.017.UT	New DSM Energy Efficier
EE_.PX.UTN._.018.UT	New DSM Energy Efficier
EE_.PX.UTN._.019.UT	New DSM Energy Efficier
EE_.PX.UTN._.020.UT	New DSM Energy Efficier
EE_.PX.UTN._.021.UT	New DSM Energy Efficier
EE_.PX.UTN._.022.UT	New DSM Energy Efficier
EE_.PX.UTN._.023.UT	New DSM Energy Efficier
EE_.PX.UTN._.024.UT	New DSM Energy Efficier
EE_.PX.UTN._.025.UT	New DSM Energy Efficier
EE_.PX.UTN._.026.UT	New DSM Energy Efficier
EE_.PX.UTN._.027.UT	New DSM Energy Efficier
EE_.PX.UTN._.HER.UT	New DSM Energy Efficier
EE_.PX.WYC._.001.WY	New DSM Energy Efficier
EE_.PX.WYC._.002.WY	New DSM Energy Efficier
EE_.PX.WYC._.003.WY	New DSM Energy Efficier
EE_.PX.WYC._.004.WY	New DSM Energy Efficier
EE_.PX.WYC._.005.WY	New DSM Energy Efficier
EE_.PX.WYC._.006.WY	New DSM Energy Efficier
EE_.PX.WYC._.007.WY	New DSM Energy Efficier
EE_.PX.WYC._.008.WY	New DSM Energy Efficier
EE_.PX.WYC._.009.WY	New DSM Energy Efficier
EE_.PX.WYC._.010.WY	New DSM Energy Efficier
EE_.PX.WYC._.011.WY	New DSM Energy Efficier
EE_.PX.WYC._.012.WY	New DSM Energy Efficier
EE_.PX.WYC._.013.WY	New DSM Energy Efficier
EE_.PX.WYC._.014.WY	New DSM Energy Efficier
EE_.PX.WYC._.015.WY	New DSM Energy Efficier

EE_.PX.WYC._.016.WY	New DSM Energy Efficier
EE_.PX.WYC._.017.WY	New DSM Energy Efficier
EE_.PX.WYC._.018.WY	New DSM Energy Efficier
EE_.PX.WYC._.019.WY	New DSM Energy Efficier
EE_.PX.WYC._.020.WY	New DSM Energy Efficier
EE_.PX.WYC._.021.WY	New DSM Energy Efficier
EE_.PX.WYC._.022.WY	New DSM Energy Efficier
EE_.PX.WYC._.023.WY	New DSM Energy Efficier
EE_.PX.WYC._.024.WY	New DSM Energy Efficier
EE_.PX.WYC._.025.WY	New DSM Energy Efficier
EE_.PX.WYC._.026.WY	New DSM Energy Efficier
EE_.PX.WYC._.027.WY	New DSM Energy Efficier
EE_.PX.YAK._.001.WA	New DSM Energy Efficier
EE_.PX.YAK._.002.WA	New DSM Energy Efficier
EE_.PX.YAK._.003.WA	New DSM Energy Efficier
EE_.PX.YAK._.004.WA	New DSM Energy Efficier
EE_.PX.YAK._.005.WA	New DSM Energy Efficier
EE_.PX.YAK._.006.WA	New DSM Energy Efficier
EE_.PX.YAK._.007.WA	New DSM Energy Efficier
EE_.PX.YAK._.008.WA	New DSM Energy Efficier
EE_.PX.YAK._.009.WA	New DSM Energy Efficier
EE_.PX.YAK._.010.WA	New DSM Energy Efficier
EE_.PX.YAK._.011.WA	New DSM Energy Efficier
EE_.PX.YAK._.012.WA	New DSM Energy Efficier
EE_.PX.YAK._.013.WA	New DSM Energy Efficier
EE_.PX.YAK._.014.WA	New DSM Energy Efficier
EE_.PX.YAK._.015.WA	New DSM Energy Efficier
EE_.PX.YAK._.016.WA	New DSM Energy Efficier
EE_.PX.YAK._.017.WA	New DSM Energy Efficier
EE_.PX.YAK._.018.WA	New DSM Energy Efficier
EE_.PX.YAK._.019.WA	New DSM Energy Efficier
EE_.PX.YAK._.020.WA	New DSM Energy Efficier
EE_.PX.YAK._.021.WA	New DSM Energy Efficier
EE_.PX.YAK._.022.WA	New DSM Energy Efficier
EE_.PX.YAK._.023.WA	New DSM Energy Efficier
EE_.PX.YAK._.024.WA	New DSM Energy Efficier
EE_.PX.YAK._.025.WA	New DSM Energy Efficier
EE_.PX.YAK._.026.WA	New DSM Energy Efficier
EE_.PX.YAK._.027.WA	New DSM Energy Efficier
EE_.PX.YAK._.HER.WA	New DSM Energy Efficier

	9	15	21	27	33	39
Existing, Proxy, Sales or Purchases	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
Ex	77.212865	76.67495	76.59241	0	0	0
Ex	77.655769	77.11477	77.03175	0	0	0
Ex	78.393938	77.8478	77.76399	0	0	0
Ex	79.574276	79.01991	78.93485	0	0	0
Ex	0	0	0	0	0	0
Ex	0	0	0	0	0	0
Ex	0	0	0	0	0	0
Ex	0	0	0	0	0	0
Ex	0	0	0	0	0	0
Ex	16.387433	16.27327	16.25575	0	0	0
Ex	0	0	0	0	0	0
Ex	0	0	0	0	0	0
Ex	0	0	0	0	0	0
Ex	0	0	0	0	0	0
Ex	0	0	0	0	0	0
Ex	0	0	0	0	0	0
Ex	0	0	0	0	0	0
Ex	0	0	0	0	0	0
Ex	0	0	0	0	0	0
Ex	0	0	0	0	0	0
Ex	0	0	0	0	0	0
Ex	0	0	0	0	0	0
Ex	110.7259	109.9545	109.8361	500	500	500
Ex	0	0	0	0	0	0
EX	52.484077	52.11844	52.06233	0	0	0
EX	0	0	0	0	0	0
EX	0	0	0	0	0	0
PL	0	0	0	0	0	0
EX	2.5644456	2.557017	2.548514	2.566588	2.566588	2.566588
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
EX	0	0	0	0	0	0
EX	0	0	0	0	0	0
EX	0	0	0	0	0	0
EX	0	0	0	0	0	0
EX	0	0	0	0	0	0
EX	0	0	0	0	0	0
EX	0.2796124	0.278802	0.277875	0.279846	0.279846	0.279846
EX	0.3315405	0.33058	0.329481	0.331817	0.331817	0.331817
EX	19.173425	19.11788	19.05431	19.18944	19.18944	19.18944

EX	5.592249	5.576049	5.557508	5.59692	5.59692	5.59692
EX	10.705162	10.67415	10.63866	10.7141	10.7141	10.7141
EX	10.864941	10.83347	10.79744	10.87402	10.87402	10.87402
EX	1.5977854	1.593157	0	0	0	0
EX	2.1570103	2.150762	0	0	0	0
EX	1.4380069	1.433841	0	0	0	0
EX	7.8275508	7.804876	0	0	0	0
EX	1.1983391	1.194868	1.190894	1.19934	1.19934	1.19934
EX	2.077121	2.071104	2.064217	2.078856	2.078856	2.078856
EX	0.878782	0.876236	0.873323	0.879516	0.879516	0.879516
EX	2.3167889	2.310078	2.302396	2.318724	2.318724	2.318724
EX	2.6363459	2.628709	2.619968	2.638548	2.638548	2.638548
EX	1.4380069	1.433841	1.429073	1.439208	1.439208	1.439208
EX	0.878782	0.876236	0.873323	0.879516	0.879516	0.879516
EX	3.395294	3.385459	3.374201	3.39813	3.39813	3.39813
EX	0.22369	0.223042	0.2223	0.223877	0.223877	0.223877
EX	0.3674906	0.366426	0.365208	0.367798	0.367798	0.367798
EX	2.8760138	2.867683	2.858147	2.878416	2.878416	2.878416
EX	0.5752028	0.573537	0.571629	0.575683	0.575683	0.575683
EX	0.0719003	0.071692	0.071454	0.07196	0.07196	0.07196
EX	0.6271308	0.625314	0.623235	0.627655	0.627655	0.627655
EX	2.3966781	2.389735	2.381789	2.39868	2.39868	2.39868
EX	2.6363459	2.628709	2.619968	2.638548	2.638548	2.638548
EX	0.0874231	0.08717	0.08688	0.087496	0.087496	0.087496
EX	2.3966781	2.389735	2.381789	2.39868	2.39868	2.39868
EX	1.1184498	1.11521	1.111502	1.119384	1.119384	1.119384
EX	0.6300136	0.628189	0.6261	0.63054	0.63054	0.63054
EX	0.0211719	0.021111	0.02104	0.02119	0.02119	0.02119
EX	0.2796124	0.278802	0.277875	0.279846	0.279846	0.279846
EX	0.0878782	0.087624	0.087332	0.087952	0.087952	0.087952
PC	1.757564	1.752473	1.746645	0	0	0
PC	10.385605	10.35552	10.32109	10.39428	10.39428	10.39428
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
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QF	0	0	0	0	0	0

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QF	0	0	0	0	0	0
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QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
PX	0	0	0	0	0	0
EX	8.6280413	8.603048	8.57444	8.635248	8.635248	8.635248
EX	5.3525811	5.337076	5.319329	5.357052	5.357052	5.357052
EX	5.5123597	5.496392	5.478115	5.516964	5.516964	5.516964
EX	3.7947404	3.783748	3.771166	3.79791	3.79791	3.79791
PC	0	0	0	0	0	0
PC	7.3089895	7.287817	7.263583	7.315094	0	0
PC	0.1094483	0.109131	0.108768	0.10954	0.10954	0.10954
SL	0.1391671	0.138764	0.138303	0	0	0
SL	2.0123308	2.006502	1.999829	0	0	0
SL	6.1719255	6.154047	6.133583	6.177081	6.177081	6.177081
SL	0.6106896	0	0	0	0	0
SL	0.2591129	0	0	0	0	0
SL	0.7855512	0.783276	0.780671	0	0	0
SL	0.1422029	0.141791	0.141319	0	0	0
SL	1.2171929	1.213667	1.209631	0	0	0
EX	0.5831917	0.581502	0.579569	0.583679	0.583679	0.583679
EX	0.5831917	0.581502	0.579569	0.583679	0.583679	0.583679
EX	0.0319557	0.031863	0.031757	0.031982	0.031982	0.031982
EX	0.0319557	0.031863	0.031757	0.031982	0.031982	0.031982
EX	2.300811	2.294146	2.286517	2.302733	2.302733	2.302733
EX	2.300811	2.294146	2.286517	2.302733	2.302733	2.302733
EX	0.1917343	0.191179	0.190543	0.191894	0.191894	0.191894
EX	0.1917343	0.191179	0.190543	0.191894	0.191894	0.191894

PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
EX	7.9729492	7.910024	7.844025	7.860474	7.821296	7.782117
EX	0	0	0	0	0	0
EX	0	0	0	0	0	0
EX	0	0	0	0	0	0
EX	0	0	0	0	0	0
EX	4.6335777	4.601834	4.568271	4.582278	4.563888	4.545498
EX	7.9489825	7.886127	7.821001	7.837287	7.798108	7.75893
EX	7.9090378	7.82718	7.742402	7.738941	7.680573	7.623005
EX	6.359186	6.308902	6.256166	6.26935	6.238167	6.206984
PC	0	0	0	0	0	0
PC	0	0	0	0	0	0
PC	0	0	0	0	0	0
PC	0	0	0	0	0	0
PC	0	0	0	0	0	0
PC	0	0	0	0	0	0
PC	0	0	0	0	0	0
PC	0	0	0	0	0	0
PC	0	0	0	0	0	0
PC	0	0	0	0	0	0
PX	0	0	0	14.19471	14.19471	14.12374
QF	0	0	0	0	0	0
QF	2.1638056	2.148731	2.146418	2.171368	2.171368	2.171368
QF	2.1815217	2.166324	2.163992	2.189146	2.189146	2.189146
QF	2.1638056	2.148731	2.146418	2.171368	2.171368	2.171368
QF	0	0	0	0	0	0
QF	1.8431433	1.830303	1.828333	1.849585	1.849585	1.849585
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
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QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
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QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0

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QF	0	0	0	0	0	0
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QF	0	0	0	0	0	0
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QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	17.428257	17.1683	17.01362	17.0736	16.93805	16.80249
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	10.806848	10.6458	10.54866	10.58683	10.50239	10.41794
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
PX	0	0	0	0	0	59.32512
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	7.433546	7.433546	7.396378
PX	0	0	0	23.78735	23.78735	23.66781
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	6.72381	6.72381	6.690938
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	14.79238	14.79238	14.71917
PX	0	0	0	0	45.97833	45.97833
PX	0	0	0	14.9418	14.9418	14.86709
PX	0	0	0	29.8836	29.8836	29.73418
PX	0	0	0	0	6.693223	6.693223
PX	0	0	0	14.79238	14.79238	14.71917
PX	0	0	0	0	0	0

QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
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QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
EX	12.462726	12.42662	12.3853	12.47314	12.47314	12.47314
EX	6.2313631	6.213312	6.192651	6.236568	6.236568	6.236568
EX	0.7988927	0	0	0	0	0
EX	31.915764	31.82331	31.71749	31.94242	31.94242	31.94242
EX	9.5867125	9.558942	9.527156	9.59472	9.59472	9.59472
EX	19.95634	19.89853	19.83236	19.97301	19.97301	19.97301
EX	39.944635	39.82892	39.69648	39.978	39.978	39.978
EX	8.8677091	8.842021	8.812619	8.875116	8.875116	8.875116
EX	3.2594823	3.25004	3.239233	3.262205	3.262205	3.262205
EX	7.9090378	7.886127	7.859904	7.915644	7.915644	7.915644
EX	3.1156816	3.106656	3.096326	3.118284	3.118284	3.118284
EX	7.9090378	7.886127	7.859904	7.915644	7.915644	7.915644
EX	2.2768442	2.270249	2.2627	2.278746	2.278746	2.278746
EX	7.9090378	7.886127	7.859904	7.915644	7.915644	7.915644
EX	7.9090378	7.886127	7.859904	7.915644	7.915644	7.915644
EX	1.5578408	1.553328	1.548163	1.559142	1.559142	1.559142
EX	19.173425	19.11788	19.05431	19.18944	19.18944	19.18944
EX	7.5095915	7.487838	7.462939	7.515864	7.515864	7.515864
EX	8.0288717	8.005614	7.978993	8.035578	8.035578	8.035578
PC	5.152858	5.137931	5.120846	5.157162	5.157162	0
PC	3.2754601	3.265972	3.255112	0	0	0
PC	13.980622	0	0	0	0	0
PC	7.9090378	7.886127	7.859904	7.915644	7.915644	7.915644
PC	15.993832	15.9475	15.89447	16.00719	16.00719	16.00719
PX	0	0	11.98834	11.98834	11.98834	11.98834
PX	0	0	0	0	0	0
PX	0	0	0	0	0	12.85378
PX	0	0	0	0	0	60.80825
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	6.477271	6.477271	6.477271
PX	3.9145743	3.903235	3.890255	3.917844	3.9978	3.9978
PX	0	0	0	0	11.62179	11.62179
PX	0	0	0	0	37.00469	37.00469
PX	0	0	0	0	40.52013	40.52013

PX	0	0	0	0	46.25586	46.25586
PX	0	0	0	0	21.97153	21.97153
PX	0	0	0	0	32.3791	32.3791
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
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QF	0	0	0	0	0	0
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QF	0	0	0	0	0	0
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QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
QF	0	0	0	0	0	0
SL	13.980622	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
Grand Total	**986.52417**	**951.5562**	**948.2125**	**1086.354**	**1321.137**	**1447.931**

Existing, Proxy, Sales or Purchases	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**
EX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	1.867725	1.867725	1.867725
PX	0	0	0	5.97672	5.97672	5.97672
PX	0	0	0	0	0	0

PX	0	0	0	29.8836	29.8836	29.8836
PX	0	0	0	1.867725	1.867725	1.867725
PX	0	0	0	7.396191	7.396191	7.396191
PX	0	0	0	0	23.12793	23.12793
PX	0	0	0	3.73545	3.73545	3.73545
PX	0	0	0	7.4709	7.4709	7.4709
PX	0	0	0	0	6.7071	6.7071
PX	0	0	0	7.396191	7.396191	7.396191
PX	0	0	0	0	0	0
PX	0	0	0	0	0	59.32512
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
Grand Total	**0**	**0**	**0**	**65.59451**	**95.42954**	**154.7547**

Existing, Proxy, Sales or Purchases	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**
EX	0	0	0	0	0	0
EX	0	0	0	0	0	0
EX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0

PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0

PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0.21	0.53	0.54	0.56
PX	0	0	0.02	0.13	0.27	0.32
PX	0	0	0.33	0.58	0.72	0.72
PX	0	0	0.54	1.03	1.41	1.41
PX	0	0	0.01	0.05	0.08	0.08
PX	0	0	0.65	1.38	1.44	1.44
PX	0	0	0.2	0.51	0.52	0.54
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0.17	0.53	0.75	0.95
PX	0	0	0	0	0	0
PX	0	0	1.18	2.87	3.85	4.67
PX	0	0	0.61	1.23	1.23	1.23
PX	0	0.1131	0.6789	1.584	2.4892	3.3943
PX	0	2.1282	8.1616	16.0039	23.8782	31.4226
PX	0	0.5456	1.3404	1.8819	2.5144	3.2467
PX	0	7.9807	15.9613	15.9613	15.9613	15.9613
PX	0	0	3.2327	9.5257	12.8014	13.2325
PX	0	0.2263	0.6789	1.1314	1.584	2.0366
PX	0	0.0154	0.1235	0.3243	0.525	0.7258
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0

PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
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PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
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PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
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PX	0	0	0	0	0	0
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PX	0	0	0	0	0	0
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PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
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PX	0	0	0	0	0	0
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PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
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PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0.21	0.53	0.54	0.56
PX	0	0	0.14	0.44	0.6	0.73
PX	0	0	0.06	0.23	0.23	0.23
PX	0	0	0.1	0.34	0.38	0.41

PX	0	0	0.12	0.28	0.28	0.28
PX	0	0	0.2	0.51	0.52	0.54
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0.02	0.21	0.29	0.39
PX	0	0	0	0	0	0
PX	0	0	0.49	1.42	1.76	2.17
PX	0	0	1.44	2.56	2.56	2.56
EX	0	0	0	0	0	0
EX	0	0	0	0	0	0
EX	0	0	0	0	0	0
EX	0	0	0	0	0	0
EX	0	0	0	0	0	0
EX	10.88	10.88	10.88	10.88	10.88	10.88
PL	0	0	0	0	0	0
PL	0	0	0	0	0	0
PL	0	0	0	0	0	0
PL	0	0	0	0	0	0
PL	0	0	0	0	0	0
PL	10.22	10.22	10.22	10.22	10.22	10.22
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
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PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
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PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
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PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0

PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0

PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0

PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
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PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	0	0	0	0	0
PX	0	2.25	4.66	7.21	10.14	13.28
PX	0	0.97	2.15	3.6	5.38	7.56
PX	0	0.86	1.99	3.47	5.33	7.7
PX	0	0.07	0.14	0.22	0.31	0.41
PX	0	2.55	5.86	10.14	15.37	21.95
PX	0	0.08	0.17	0.27	0.38	0.5
PX	0	0.59	1.37	2.42	3.78	5.54
PX	0	0.07	0.15	0.25	0.37	0.51
PX	0	0.33	0.81	1.51	2.47	3.73
PX	0	0.14	0.35	0.63	0.99	1.44
PX	0	0.69	1.63	2.93	4.62	6.86
PX	0	0.05	0.11	0.17	0.23	0.29
PX	0	1.9	4.38	7.65	11.74	16.88
PX	0	0.09	0.2	0.33	0.48	0.65
PX	0	1.56	3.43	5.68	8.27	11.37
PX	0	0.22	0.48	0.78	1.12	1.51
PX	0	1.45	3.41	3.41	3.41	3.41
PX	0	0.09	0.19	0.29	0.4	0.52
PX	0	0.1	0.1	0.1	0.1	0.1
PX	0	0.95	1.88	2.79	3.67	4.46
PX	0	0.1	0.1	0.1	0.1	0.1
PX	0	0.1	0.1	0.1	0.1	0.1
PX	0	0.49	1.03	1.61	2.28	3.04
PX	0	0.06	0.14	0.26	0.42	0.63
PX	0	0.1	0.19	0.26	0.36	0.5
PX	0	0.12	0.24	0.37	0.51	0.66
PX	0	0.01	0.03	0.05	0.07	0.09
PX	0.2	0.29	0.29	0.29	0.29	0.29
Grand Total	**21.3**	**48.3893**	**93.5573**	**139.7625**	**181.5135**	**224.9898**
Total WA-Allocated Capacity (MW)	**1008**	**1000**	**1042**	**1292**	**1598**	**1828**

45	51	57	63	69	75	81	87	93	99
2027	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
500	500	500	500	500	500	500	500	500	500
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
2.566588	2.566588	2.566588	2.566588	2.566588	2.566588	2.566588	2.566588	2.566588	2.566588
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.279846	0.279846	0.279846	0.279846	0.279846	0.279846	0.279846	0.279846	0.279846	0.279846
0.331817	0.331817	0.331817	0.331817	0.331817	0.331817	0.331817	0.331817	0.331817	0.331817
19.18944	19.18944	19.18944	19.18944	19.18944	19.18944	19.18944	19.18944	19.18944	19.18944

5.59692	5.59692	5.59692	5.59692	5.59692	5.59692	5.59692	5.59692	5.59692	5.59692
10.7141	10.7141	10.7141	10.7141	10.7141	10.7141	10.7141	10.7141	10.7141	10.7141
10.87402	10.87402	10.87402	10.87402	10.87402	10.87402	10.87402	10.87402	10.87402	10.87402
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1.19934	1.19934	1.19934	1.19934	1.19934	1.19934	1.19934	1.19934	1.19934	1.19934
2.078856	2.078856	2.078856	2.078856	2.078856	2.078856	2.078856	2.078856	2.078856	2.078856
0.879516	0.879516	0.879516	0.879516	0.879516	0.879516	0.879516	0.879516	0.879516	0.879516
2.318724	2.318724	2.318724	2.318724	2.318724	2.318724	2.318724	2.318724	2.318724	2.318724
2.638548	2.638548	2.638548	2.638548	2.638548	2.638548	2.638548	2.638548	2.638548	2.638548
1.439208	1.439208	1.439208	1.439208	1.439208	1.439208	1.439208	1.439208	1.439208	1.439208
0.879516	0.879516	0.879516	0.879516	0.879516	0.879516	0.879516	0.879516	0.879516	0.879516
3.39813	3.39813	3.39813	3.39813	3.39813	3.39813	3.39813	3.39813	3.39813	3.39813
0.223877	0.223877	0.223877	0.223877	0.223877	0.223877	0.223877	0.223877	0.223877	0.223877
0.367798	0.367798	0.367798	0.367798	0.367798	0.367798	0.367798	0.367798	0.367798	0.367798
2.878416	2.878416	2.878416	2.878416	2.878416	2.878416	2.878416	2.878416	2.878416	2.878416
0.575683	0.575683	0.575683	0.575683	0.575683	0.575683	0.575683	0.575683	0.575683	0.575683
0.07196	0.07196	0.07196	0.07196	0.07196	0.07196	0.07196	0.07196	0.07196	0.07196
0.627655	0.627655	0.627655	0.627655	0.627655	0.627655	0.627655	0.627655	0.627655	0.627655
2.39868	2.39868	2.39868	2.39868	2.39868	2.39868	2.39868	2.39868	2.39868	2.39868
2.638548	2.638548	2.638548	2.638548	2.638548	2.638548	2.638548	2.638548	2.638548	2.638548
0.087496	0.087496	0.087496	0.087496	0.087496	0.087496	0.087496	0.087496	0.087496	0.087496
2.39868	2.39868	2.39868	2.39868	2.39868	2.39868	2.39868	2.39868	2.39868	2.39868
1.119384	1.119384	1.119384	1.119384	1.119384	1.119384	1.119384	1.119384	1.119384	1.119384
0.63054	0.63054	0.63054	0.63054	0.63054	0.63054	0.63054	0.63054	0.63054	0.63054
0.02119	0.02119	0.02119	0.02119	0.02119	0.02119	0.02119	0.02119	0.02119	0.02119
0.279846	0.279846	0.279846	0.279846	0.279846	0.279846	0.279846	0.279846	0.279846	0.279846
0.087952	0.087952	0.087952	0.087952	0.087952	0.087952	0.087952	0.087952	0.087952	0.087952
0	0	0	0	0	0	0	0	0	0
10.39428	10.39428	10.39428	10.39428	10.39428	10.39428	10.39428	10.39428	10.39428	10.39428
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
8.635248	8.635248	8.635248	8.635248	8.635248	8.635248	8.635248	8.635248	8.635248	8.635248
5.357052	5.357052	5.357052	5.357052	5.357052	5.357052	5.357052	5.357052	5.357052	5.357052
5.516964	5.516964	5.516964	5.344559	5.516964	5.516964	5.359336	5.226597	5.161031	5.092582
3.79791	3.79791	3.79791	3.79791	3.79791	3.79791	3.79791	3.79791	3.79791	3.79791
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.10954	0.10954	0.10954	0.10954	0.10954	0.10954	0.10954	0.10954	0.10954	0.10954
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
6.177081	6.177081	6.177081	6.177081	6.177081	6.177081	6.177081	6.177081	6.177081	6.177081
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.583679	0.583679	0.583679	0.583679	0.583679	0.583679	0.583679	0.583679	0.583679	0.583679
0.583679	0.583679	0.583679	0.583679	0.583679	0.583679	0.583679	0.583679	0.583679	0.583679
0.031982	0.031982	0.031982	0.031982	0.031982	0.031982	0.031982	0.031982	0.031982	0.031982
0.031982	0.031982	0.031982	0.031982	0.031982	0.031982	0.031982	0.031982	0.031982	0.031982
2.302733	2.302733	2.302733	2.302733	2.302733	2.302733	2.302733	2.302733	2.302733	2.302733
2.302733	2.302733	2.302733	2.302733	2.302733	2.302733	2.302733	2.302733	2.302733	2.302733
0.191894	0.191894	0.191894	0.191894	0.191894	0.191894	0.191894	0.191894	0.191894	0.191894
0.191894	0.191894	0.191894	0.191894	0.191894	0.191894	0.191894	0.191894	0.191894	0.191894

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0	25.73501	25.73501	25.73501	25.73501	25.73501	25.73501	25.73501	25.73501	25.73501
7.742939	7.70456	7.666181	7.627802	7.589423	7.551844	7.514265	7.476685	7.439106	7.401527
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
4.527109	4.508719	4.490329	4.472739	4.455148	4.437558	4.419968	4.402377	4.384787	4.367197
7.719752	7.681373	7.642994	7.604615	7.566236	7.528657	7.491077	7.453498	7.415919	7.379139
7.565437	7.508668	7.452699	7.396729	7.34156	7.28639	7.23202	7.17765	7.124079	7.070509
6.175801	6.144618	6.114235	6.083852	6.053469	6.023085	5.992702	5.963118	5.933535	5.903951
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
14.05312	13.98285	13.91294	13.84337	13.77416	13.70529	13.63676	13.56858	13.50073	13.43323
0	0	0	0	0	0	0	0	0	0
2.171368	2.171368	2.171368	0	0	0	0	0	0	0
2.189146	2.189146	2.189146	0	0	0	0	0	0	0
2.171368	2.171368	2.171368	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1.849585	1.849585	1.849585	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
16.66915	16.53582	16.40248	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
10.3335	10.25127	10.16905	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
59.32512	59.32512	59.32512	59.32512	59.32512	59.32512	59.32512	59.32512	59.32512	59.32512
0	0	0	0	0	0	0	0	0	0
0	0	0	25.8148	25.8148	25.8148	25.8148	25.8148	25.8148	25.8148
7.359396	7.322599	7.285986	7.249556	7.213309	7.177242	7.141356	7.105649	7.070121	7.03477
23.54977	23.43173	23.31519	23.19864	23.08209	22.96704	22.85199	22.73843	22.62487	22.51132
0	6.191321	6.191321	6.191321	6.191321	6.191321	6.191321	6.191321	6.191321	6.191321
0	0	0	0	52.01564	52.01564	52.01564	52.01564	52.01564	52.01564
6.656572	6.6237	6.590828	6.557956	6.525084	6.492212	6.45934	6.427963	6.395091	6.363713
0	0	0	0.061106	0.061106	0.061106	0.061106	0.061106	0.061106	0.061106
0	0	0	0	0	0	39.20143	39.20143	39.20143	39.20143
14.64446	14.57124	14.49803	14.42631	14.35459	14.28287	14.21115	14.13943	14.0692	13.99897
45.70195	45.42788	45.15613	44.88437	44.61493	44.34781	44.08184	43.81702	43.55452	43.29317
14.79238	14.71917	14.64446	14.57124	14.49952	14.42631	14.35459	14.28287	14.21115	14.14092
29.58626	29.43684	29.29041	29.14398	28.99755	28.85262	28.70918	28.56573	28.42229	28.28035
6.680503	6.667782	6.653906	6.641185	6.628465	6.614588	6.601868	6.587991	6.575271	6.56255
14.64446	14.57124	14.49803	14.42631	14.35459	14.28287	14.21115	14.13943	14.0692	13.99897
0	0	0	4.450828	4.450828	4.450828	4.450828	4.450828	4.450828	4.450828

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0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
12.47314	12.47314	12.47314	12.47314	12.47314	12.47314	12.47314	12.47314	12.47314	12.47314
6.236568	6.236568	6.236568	6.236568	6.236568	6.236568	6.236568	6.236568	6.236568	6.236568
0	0	0	0	0	0	0	0	0	0
31.94242	31.94242	31.94242	31.94242	31.94242	31.94242	31.94242	31.94242	31.94242	31.94242
9.59472	9.59472	9.59472	9.59472	9.59472	9.59472	9.59472	9.59472	9.59472	9.59472
19.97301	19.97301	19.97301	19.97301	19.97301	19.97301	19.97301	19.97301	19.97301	19.97301
39.978	39.978	39.978	39.978	39.978	39.978	39.978	39.978	39.978	39.978
8.875116	8.875116	8.875116	8.875116	8.875116	8.875116	8.875116	8.875116	8.875116	8.875116
3.262205	3.262205	3.262205	3.262205	3.262205	3.262205	3.262205	3.262205	3.262205	3.262205
7.915644	7.915644	7.915644	7.915644	7.915644	7.915644	7.915644	7.915644	7.915644	7.915644
3.118284	3.118284	3.118284	3.118284	3.118284	3.118284	3.118284	3.118284	3.118284	3.118284
7.915644	7.915644	7.915644	7.915644	7.915644	7.915644	7.915644	7.915644	7.915644	7.915644
2.278746	2.278746	2.278746	2.278746	2.278746	2.278746	2.278746	2.278746	2.278746	2.278746
7.915644	7.915644	7.915644	7.915644	7.915644	7.915644	7.915644	7.915644	7.915644	7.915644
7.915644	7.915644	7.915644	7.915644	7.915644	7.915644	7.915644	7.915644	7.915644	7.915644
1.559142	1.559142	1.559142	1.559142	1.559142	1.559142	1.559142	1.559142	1.559142	1.559142
19.18944	19.18944	19.18944	19.18944	19.18944	19.18944	19.18944	19.18944	19.18944	19.18944
7.515864	7.515864	7.515864	7.515864	7.515864	7.515864	7.515864	7.515864	7.515864	7.515864
8.035578	8.035578	8.035578	8.035578	8.035578	8.035578	8.035578	8.035578	8.035578	8.035578
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
7.915644	7.915644	0	0	0	0	0	0	0	0
16.00719	16.00719	16.00719	0	0	0	0	0	0	0
11.98834	11.98834	11.98834	11.98834	11.98834	11.98834	11.98834	11.98834	11.98834	11.98834
0	0	0	0	0	28.31563	28.31563	28.31563	28.31563	28.31563
12.85378	12.85378	12.85378	12.85378	12.85378	12.85378	12.85378	12.85378	12.85378	12.85378
60.80825	60.80825	60.80825	60.80825	60.80825	60.80825	60.80825	60.80825	60.80825	60.80825
0	0	0	13.69486	13.69486	13.69486	13.69486	13.69486	13.69486	13.69486
0	0	0	19.80386	19.80386	19.80386	19.80386	19.80386	19.80386	19.80386
6.477271	6.477271	6.477271	6.477271	6.477271	6.477271	6.477271	6.477271	6.477271	6.477271
3.9978	3.9978	3.9978	3.9978	3.9978	3.9978	3.9978	3.9978	3.9978	3.9978
11.62179	11.62179	11.62179	11.62179	11.62179	11.62179	11.62179	11.62179	11.62179	11.62179
37.00469	37.00469	37.00469	37.00469	37.00469	37.00469	37.00469	37.00469	37.00469	37.00469
40.52013	40.52013	40.52013	40.52013	40.52013	40.52013	40.52013	40.52013	40.52013	40.52013

46.25586	46.25586	46.25586	46.25586	46.25586	46.25586	46.25586	46.25586	46.25586	46.25586
21.97153	21.97153	21.97153	21.97153	21.97153	21.97153	21.97153	21.97153	21.97153	21.97153
32.3791	32.3791	32.3791	32.3791	32.3791	32.3791	32.3791	32.3791	32.3791	32.3791
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	7.345276	7.345276	7.345276	7.345276
0	0	0	0	0	0	6.970599	6.970599	6.970599	6.970599
0	0	0	0	0	0	0	0	0	0
0	0	0	115	115	115	115	115	115	115
0	0	0	115	115	115	115	115	115	115
1446.606	**1477.22**	**1467.998**	**1479.607**	**1530.717**	**1557.959**	**1610.251**	**1609.056**	**1607.934**	**1606.816**

2027	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1.867725	1.867725	1.867725	1.867725	1.867725	1.867725	1.867725	1.867725	1.867725	1.867725
5.97672	5.97672	5.97672	5.97672	5.97672	5.97672	5.97672	5.97672	5.97672	5.97672
0	11.56211	11.56211	11.56211	11.56211	11.56211	11.56211	11.56211	11.56211	11.56211

29.8836	29.8836	29.8836	29.8836	29.8836	29.8836	29.8836	29.8836	29.8836	29.8836
1.867725	1.867725	1.867725	1.867725	1.867725	1.867725	1.867725	1.867725	1.867725	1.867725
7.396191	7.396191	7.396191	7.396191	7.396191	7.396191	7.396191	7.396191	7.396191	7.396191
23.12793	23.12793	23.12793	23.12793	23.12793	23.12793	23.12793	23.12793	23.12793	23.12793
3.73545	3.73545	3.73545	3.73545	3.73545	3.73545	3.73545	3.73545	3.73545	3.73545
7.4709	7.4709	7.4709	7.4709	7.4709	7.4709	7.4709	7.4709	7.4709	7.4709
6.7071	6.7071	6.7071	6.7071	6.7071	6.7071	6.7071	6.7071	6.7071	6.7071
7.396191	7.396191	7.396191	7.396191	7.396191	7.396191	7.396191	7.396191	7.396191	7.396191
0	0	42.86635	37.66085	37.66085	37.66085	37.66085	37.66085	37.66085	37.66085
59.32512	59.32512	59.32512	59.32512	59.32512	59.32512	59.32512	59.32512	59.32512	59.32512
0	0	0	0	0	0	0	0	0	0
0	0	0	25.8148	25.8148	25.8148	25.8148	25.8148	25.8148	25.8148
0	3.095661	3.095661	3.095661	3.095661	3.095661	3.095661	3.095661	3.095661	3.095661
0	0	0	0	52.01564	52.01564	52.01564	52.01564	52.01564	52.01564
0	0	0	0	0	0	39.20143	39.20143	39.20143	39.20143
0	0	0	0.061106	0.061106	0.061106	0.061106	0.061106	0.061106	0.061106
0	0	0	4.450828	4.450828	4.450828	4.450828	4.450828	4.450828	4.450828
0	0	0	115	115	115	115	115	115	115
154.7547	**169.4124**	**212.2788**	**352.4**	**404.4157**	**404.4157**	**443.6171**	**443.6171**	**443.6171**	**443.6171**

2027	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**	**2034**	**2035**	**2036**
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	12.3
0.58	0.67	0.79	0.98	1.24	1.78	2.22	2.71	3.12	3.61
0.44	0.52	0.52	0.56	0.63	0.64	0.74	0.74	0.74	0.74
0.72	0.79	0.79	0.79	0.79	0.79	0.81	0.81	0.81	0.81
1.56	1.86	1.86	1.89	1.97	1.97	2.04	2.04	2.04	2.04
0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
1.47	1.47	1.47	1.47	1.52	1.52	1.56	1.56	1.56	1.56
0.56	0.58	0.59	0.61	0.63	0.65	0.67	0.69	0.71	0.73
0	0	0	0	0	0	0	0	0	1.42
0	0	0	0	0	0	0	0	3.7	3.7
1.23	1.54	1.81	2.04	2.3	2.3	2.58	2.69	2.72	2.74
0	0	0	0	0	0	0	0	0	0
5.88	7.21	8.31	9.24	10.3	10.3	11.49	11.96	12.08	12.15
1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23
4.2995	5.2046	6.1098	7.0149	7.9201	7.9201	7.9201	7.9201	7.9201	7.9201
37.158	40.4993	42.9254	45.3196	47.4158	47.4158	47.4158	47.4158	47.4158	47.4158
4.0875	5.0444	6.1241	7.3311	8.6667	8.6667	8.6667	8.6667	8.6667	8.6667
15.9613	15.9613	15.9613	15.9613	15.9613	15.9613	15.9613	15.9613	15.9613	15.9613
13.6635	14.073	14.4393	14.7842	15.129	15.129	15.129	15.129	15.129	15.129
2.4892	2.9417	3.3943	3.8469	4.2995	4.2995	4.2995	4.2995	4.2995	4.2995
0.8493	0.8802	0.9111	0.942	0.9729	0.9729	0.9729	0.9729	0.9729	0.9729
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	9.83
0.58	0.67	0.79	0.98	1.24	1.78	2.22	2.71	3.12	3.61
0.86	1.06	1.06	1.22	1.32	1.39	1.44	1.45	1.45	1.47
0.23	0.23	0.23	0.24	0.24	0.24	0.24	0.24	0.24	0.25
0.44	0.45	0.45	0.48	0.49	0.51	0.51	0.51	0.52	0.54

0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
0.56	0.58	0.59	0.61	0.63	0.65	0.67	0.69	0.71	0.73
0	0	0	0	0	0	0	0	0	1.43
0	0	0	0	0	0	0	0	10.57	11.01
0.51	0.62	0.78	0.86	0.91	0.96	0.97	0.97	1.04	1.04
0	0	0	0	0	0	0	0	0	0
2.67	3.13	3.84	4.17	4.37	4.58	4.62	4.62	4.97	4.97
2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
10.88	10.88	10.88	10.88	10.88	10.88	10.88	10.88	10.88	10.88
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
10.22	10.22	10.22	10.22	10.22	10.22	10.22	10.22	10.22	10.22
0	0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0	0

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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
16.54	19.76	22.9	26.17	29.28	32.18	34.82	37.25	39.45	40.94
10.12	13.05	16.28	19.78	23.39	27.04	30.57	33.83	36.75	39.31
10.54	13.79	17.28	20.92	24.53	28	31.16	33.93	36.28	38.26
0.52	0.63	0.74	0.84	0.92	0.98	1.02	1.05	1.08	1.1
29.64	38.22	47.04	55.89	64.17	71.66	78.08	83.42	87.77	91.32
0.63	0.77	0.9	1.02	1.12	1.2	1.25	1.29	1.32	1.35
7.72	10.36	13.4	16.84	20.54	24.4	28.15	31.59	34.59	37.13
0.67	0.84	1.02	1.21	1.41	1.6	1.77	1.93	2.08	2.22
5.27	7.04	8.9	10.77	12.54	14.19	15.65	16.89	17.92	18.79
1.99	2.62	3.33	4.14	5.03	5.97	6.93	7.85	8.71	9.49
9.64	12.98	16.72	20.85	25.14	29.48	33.61	37.36	40.64	43.47
0.34	0.39	0.43	0.47	0.5	0.52	0.54	0.55	0.56	0.57
22.82	29.33	35.83	42.15	47.82	52.72	56.74	59.95	62.53	64.65
0.84	1.04	1.23	1.39	1.53	1.63	1.7	1.75	1.78	1.8
14.87	18.67	22.51	26.41	30.15	33.73	37.1	40.32	43.48	46.69
1.94	2.37	2.77	3.12	3.39	3.57	3.68	3.74	3.78	3.81
3.41	3.41	3.41	3.41	3.41	3.41	3.41	3.41	3.41	3.41
0.64	0.76	0.87	0.98	1.07	1.15	1.22	1.28	1.34	1.39
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5.13	5.69	6.16	6.56	6.88	7.14	7.36	7.54	7.7	7.85
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
0.1	0.1	0.1	0.1	0.57	1.06	1.54	2	2.42	2.79
3.87	4.78	5.76	6.77	7.81	8.84	9.83	10.73	11.51	12.15
0.9	1.24	1.65	2.11	2.63	3.19	3.76	4.3	4.78	5.17
0.69	0.94	1.25	1.6	2	2.43	2.87	3.29	3.66	3.96
0.83	1.02	1.23	1.46	1.71	1.98	2.27	2.56	2.85	3.13
0.12	0.14	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16
0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29
272.3183	**321.6645**	**371.3553**	**422.2**	**472.3853**	**514.3953**	**554.0753**	**588.4653**	**632.7553**	**683.6953**

1874	**1968**	**2052**	**2254**	**2408**	**2477**	**2608**	**2641**	**2684**	**2734**

105 111 117 123 Allocation Factors for WA

2037	2038	2039	2040	2021	2022	2023	2024	2025	2026
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	22.15%	21.99%	21.97%	0.00%	0.00%	0.00%
0	0	0	0	22.15%	21.99%	21.97%	0.00%	0.00%	0.00%
0	0	0	0	22.15%	21.99%	21.97%	0.00%	0.00%	0.00%
0	0	0	0	22.15%	21.99%	21.97%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	22.15%	21.99%	21.97%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
500	500	500	500	22.15%	21.99%	21.97%	100.00%	100.00%	100.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	22.15%	21.99%	21.97%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2.566588	0	0	0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.279846	0.279846	0.279846	0.279846	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0.331817	0.331817	0.331817	0.331817	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
19.18944	19.18944	19.18944	19.18944	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%

5.59692	5.59692	5.59692	5.59692	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
10.7141	10.7141	10.7141	10.7141	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
10.87402	10.87402	10.87402	10.87402	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0	0	0	0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0	0	0	0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0	0	0	0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0	0	0	0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
1.19934	1.19934	1.19934	1.19934	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
2.078856	2.078856	2.078856	2.078856	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0.879516	0.879516	0.879516	0.879516	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
2.318724	2.318724	2.318724	2.318724	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
2.638548	2.638548	2.638548	2.638548	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
1.439208	1.439208	1.439208	1.439208	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0.879516	0.879516	0.879516	0.879516	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
3.39813	3.39813	3.39813	3.39813	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0.223877	0.223877	0.223877	0.223877	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0.367798	0.367798	0.367798	0.367798	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
2.878416	2.878416	2.878416	2.878416	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0.575683	0.575683	0.575683	0.575683	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0.07196	0.07196	0.07196	0.07196	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0.627655	0.627655	0.627655	0.627655	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
2.39868	2.39868	2.39868	2.39868	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
2.638548	2.638548	2.638548	2.638548	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0.087496	0.087496	0.087496	0.087496	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
2.39868	2.39868	2.39868	2.39868	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
1.119384	1.119384	1.119384	1.119384	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0.63054	0.63054	0.63054	0.63054	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0.02119	0.02119	0.02119	0.02119	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0.279846	0.279846	0.279846	0.279846	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0.087952	0.087952	0.087952	0.087952	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0	0	0	0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
10.39428	10.39428	10.39428	10.39428	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	24.99246	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
8.635248	8.635248	8.635248	8.635248	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
5.357052	5.357052	5.357052	5.357052	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
5.349783	5.21875	5.192437	5.122895	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
3.79791	3.79791	3.79791	3.79791	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0	0	0	0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0	0	0	0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0.10954	0.10954	0.10954	0.10954	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0	0	0	0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0	0	0	0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
6.177081	6.177081	6.177081	6.177081	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0	0	0	0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0	0	0	0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0	0	0	0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0	0	0	0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0	0	0	0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0.583679	0.583679	0.583679	0.583679	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0.583679	0.583679	0.583679	0.583679	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0.031982	0.031982	0.031982	0.031982	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0.031982	0.031982	0.031982	0.031982	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
2.302733	2.302733	2.302733	2.302733	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
2.302733	2.302733	2.302733	2.302733	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0.191894	0.191894	0.191894	0.191894	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0.191894	0.191894	0.191894	0.191894	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%

0	34.48959	34.48959	34.48959	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
25.73501	25.73501	25.73501	25.73501	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
7.364747	7.327967	7.291187	7.254408	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
4.349606	4.332016	4.314426	4.296835	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
7.342359	7.30558	7.2688	7.23282	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
7.017738	6.964967	6.912996	6.861024	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
5.874367	5.844783	5.8152	5.786416	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
13.36606	13.29923	13.23274	13.16657	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	22.15%	21.99%	21.97%	22.22%	22.22%	22.22%
0	0	0	0	22.15%	21.99%	21.97%	22.22%	22.22%	22.22%
0	0	0	0	22.15%	21.99%	21.97%	22.22%	22.22%	22.22%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	22.15%	21.99%	21.97%	22.22%	22.22%	22.22%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	22.15%	21.99%	21.97%	22.22%	22.22%	22.22%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	22.15%	21.99%	21.97%	22.22%	22.22%	22.22%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
59.32512	59.32512	59.32512	59.32512	0.00%	0.00%	0.00%	0.00%	0.00%	9.89%
2.854361	2.854361	2.854361	2.854361	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
25.8148	25.8148	25.8148	25.8148	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
6.999596	6.964598	6.929775	6.895127	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%
22.39925	22.28719	22.17513	22.06456	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%
6.191321	6.191321	6.191321	6.191321	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
52.01564	52.01564	52.01564	52.01564	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
6.330841	6.299463	6.268085	6.236708	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%
25.97162	25.97162	25.97162	25.97162	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39.20143	39.20143	39.20143	39.20143	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
13.92875	13.85852	13.78979	13.72106	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%
43.03298	42.77511	42.51839	42.26282	0.00%	0.00%	0.00%	0.00%	11.56%	11.56%
14.0692	13.99897	13.92875	13.86001	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%
28.1384	27.99795	27.85899	27.71853	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%
6.54983	6.53711	6.523233	6.510512	0.00%	0.00%	0.00%	0.00%	11.56%	11.56%
13.92875	13.85852	13.78979	13.72106	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%
4.450828	4.450828	4.450828	11.02167	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
12.47314	12.47314	12.47314	12.47314	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
6.236568	6.236568	6.236568	6.236568	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0	0	0	0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
31.94242	31.94242	31.94242	31.94242	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
9.59472	9.59472	9.59472	9.59472	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
19.97301	19.97301	19.97301	19.97301	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
39.978	39.978	39.978	39.978	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
8.875116	8.875116	8.875116	8.875116	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
3.262205	3.262205	3.262205	3.262205	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
7.915644	7.915644	7.915644	7.915644	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
3.118284	3.118284	3.118284	3.118284	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
7.915644	7.915644	7.915644	7.915644	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
2.278746	2.278746	2.278746	2.278746	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
7.915644	7.915644	7.915644	7.915644	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
7.915644	7.915644	7.915644	7.915644	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
1.559142	1.559142	1.559142	1.559142	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
19.18944	19.18944	19.18944	19.18944	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
7.515864	7.515864	7.515864	7.515864	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
8.035578	8.035578	8.035578	8.035578	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0	0	0	0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0	0	0	0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0	0	0	0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0	0	0	0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0	0	0	0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
11.98834	11.98834	11.98834	11.98834	0.00%	0.00%	7.94%	7.94%	7.94%	7.94%
28.31563	28.31563	28.31563	28.31563	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
12.85378	12.85378	12.85378	12.85378	0.00%	0.00%	0.00%	0.00%	0.00%	9.89%
60.80825	60.80825	60.80825	60.80825	0.00%	0.00%	0.00%	0.00%	0.00%	9.89%
13.69486	13.69486	13.69486	12.99608	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
19.80386	19.80386	19.80386	19.80386	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
6.477271	6.477271	6.477271	6.477271	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%
3.9978	3.9978	3.9978	3.9978	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
11.62179	11.62179	11.62179	11.62179	0.00%	0.00%	0.00%	0.00%	11.56%	11.56%
37.00469	37.00469	37.00469	37.00469	0.00%	0.00%	0.00%	0.00%	11.56%	11.56%
40.52013	40.52013	40.52013	40.52013	0.00%	0.00%	0.00%	0.00%	11.56%	11.56%

46.25586	46.25586	46.25586	46.25586	0.00%	0.00%	0.00%	0.00%	11.56%	11.56%
21.97153	21.97153	21.97153	21.97153	0.00%	0.00%	0.00%	0.00%	11.56%	11.56%
32.3791	32.3791	32.3791	32.3791	0.00%	0.00%	0.00%	0.00%	11.56%	11.56%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	7.99%	7.97%	7.94%	8.00%	8.00%	8.00%
0	20.60477	20.60477	20.60477	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	10.30239	10.30239	10.30239	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
7.345276	7.345276	7.345276	7.345276	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
6.970599	6.970599	6.970599	6.970599	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	10.30239	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
115	115	115	115	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
115	115	115	115	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
1634.79	**1696.449**	**1695.388**	**1725.154**						

2037	**2038**	**2039**	**2040**	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	15.49532	15.49532	15.49532	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
18.55335	18.55335	18.55335	18.55335	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1.867725	1.867725	1.867725	1.867725	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%
5.97672	5.97672	5.97672	5.97672	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%
11.56211	11.56211	11.56211	11.56211	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

29.8836	29.8836	0	0	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%
1.867725	1.867725	1.867725	1.867725	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%
7.396191	7.396191	7.396191	7.396191	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%
23.12793	23.12793	23.12793	23.12793	0.00%	0.00%	0.00%	0.00%	11.56%	11.56%
3.73545	3.73545	3.73545	3.73545	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%
7.4709	7.4709	7.4709	7.4709	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%
6.7071	6.7071	6.7071	6.7071	0.00%	0.00%	0.00%	0.00%	11.56%	11.56%
7.396191	7.396191	7.396191	7.396191	0.00%	0.00%	0.00%	14.94%	14.94%	14.94%
37.66085	37.66085	37.66085	37.66085	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
59.32512	59.32512	59.32512	59.32512	0.00%	0.00%	0.00%	0.00%	0.00%	9.89%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
25.8148	25.8148	25.8148	25.8148	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
3.095661	3.095661	3.095661	3.095661	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
52.01564	52.01564	52.01564	52.01564	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
39.20143	39.20143	39.20143	39.20143	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
25.97162	25.97162	25.97162	25.97162	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
4.450828	4.450828	4.450828	11.02167	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
115	115	115	115	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
488.0809	**503.5763**	**473.6927**	**480.2635**						

2037	**2038**	**2039**	**2040**	2021	2022	2023	2024	2025	2026
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
13.6	14.66	15.19	15.19	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
3.99	4.36	4.73	4.98	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
0.8	0.89	0.91	0.91	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
0.84	0.86	0.89	0.89	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
2.08	2.1	2.15	2.15	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
0.08	0.08	0.08	0.08	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
1.61	1.64	1.64	1.64	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
0.75	0.98	1.47	2.05	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
1.61	1.83	2.05	2.35	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
3.7	3.7	3.7	3.76	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
2.75	2.84	2.92	2.92	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
4.06	4.13	4.19	4.19	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
12.18	12.59	12.93	12.93	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
1.23	1.23	1.23	1.23	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
7.9201	7.9201	7.9201	7.9201	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
47.4158	47.4158	47.4158	47.4158	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
8.6667	8.6667	8.6667	8.6667	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
15.9613	15.9613	15.9613	15.9613	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
15.129	15.129	15.129	15.129	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
4.2995	4.2995	4.2995	4.2995	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
0.9729	0.9729	0.9729	0.9729	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10.57	10.73	10.88	10.88	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
3.99	4.36	4.73	4.98	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
1.62	1.64	1.65	1.65	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
0.25	0.25	0.25	0.25	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
0.54	0.54	0.54	0.54	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

0.28	0.28	0.28	0.28	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
0.75	0.98	1.47	2.05	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
1.67	1.9	2.18	2.47	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
11.17	11.28	11.39	11.39	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
1.04	1.04	1.04	1.04	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
19.77	19.85	19.86	19.86	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
4.97	4.99	4.99	4.99	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
2.56	2.56	2.56	2.56	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10.88	10.88	10.88	10.88	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10.22	10.22	10.22	10.22	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

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0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
42.15	43.29	44.39	45.49	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
41.49	43.19	44.51	45.6	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
39.77	40.86	41.62	42.18	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
1.12	1.14	1.16	1.18	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
93.9	95.66	96.77	97.5	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
1.38	1.4	1.42	1.44	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
39.02	40.32	41.16	41.71	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
2.41	2.58	2.7	2.81	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
19.48	20.01	20.42	20.75	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
10.52	11.4	12.12	12.7	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
45.66	47.28	48.45	49.35	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
0.57	0.57	0.57	0.57	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
66.44	67.84	68.94	69.87	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
1.81	1.82	1.83	1.84	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
50.44	53.94	57.19	60.25	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
3.84	3.87	3.89	3.91	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
3.41	3.41	4.37	4.37	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
1.43	1.47	1.51	1.54	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
0.1	0.1	0.1	0.1	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
7.97	8.09	8.21	8.32	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
0.1	0.1	0.1	0.1	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
3.1	3.36	3.58	3.77	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
12.65	13.03	13.33	13.57	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
5.47	5.68	5.82	5.92	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
4.19	4.36	4.47	4.54	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
3.44	3.73	4	4.26	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
0.16	0.16	0.16	0.16	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
0.29	0.29	0.29	0.29	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
732.2353	**752.7053**	**770.4453**	**783.7653**						

2855	**2953**	**2940**	**2989**

2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
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0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
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0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
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0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%

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8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
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0.00%	7.46%	7.46%	7.46%	7.46%	7.46%	7.46%	7.46%	7.46%	7.46%
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14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
22.22%	22.22%	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
22.22%	22.22%	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
22.22%	22.22%	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
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0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
22.22%	22.22%	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
22.22%	22.22%	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
9.89%	9.89%	9.89%	9.89%	9.89%	9.89%	9.89%	9.89%	9.89%	9.89%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	6.85%	6.85%	6.85%	6.85%	6.85%	6.85%	6.85%
14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%
14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%
0.00%	7.46%	7.46%	7.46%	7.46%	7.46%	7.46%	7.46%	7.46%	7.46%
0.00%	0.00%	0.00%	0.00%	6.34%	6.34%	6.34%	6.34%	6.34%	6.34%
14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%
0.00%	0.00%	0.00%	6.85%	6.85%	6.85%	6.85%	6.85%	6.85%	6.85%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.56%	3.56%	3.56%	3.56%
14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%
11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%
14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%
14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%
11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%
14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%
0.00%	0.00%	0.00%	6.85%	6.85%	6.85%	6.85%	6.85%	6.85%	6.85%

0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
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8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
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8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
7.94%	7.94%	7.94%	7.94%	7.94%	7.94%	7.94%	7.94%	7.94%	7.94%
0.00%	0.00%	0.00%	0.00%	0.00%	6.29%	6.29%	6.29%	6.29%	6.29%
9.89%	9.89%	9.89%	9.89%	9.89%	9.89%	9.89%	9.89%	9.89%	9.89%
9.89%	9.89%	9.89%	9.89%	9.89%	9.89%	9.89%	9.89%	9.89%	9.89%
0.00%	0.00%	0.00%	6.85%	6.85%	6.85%	6.85%	6.85%	6.85%	6.85%
0.00%	0.00%	0.00%	6.85%	6.85%	6.85%	6.85%	6.85%	6.85%	6.85%
14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%
8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%
11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%
11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%

11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%
11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%
11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.56%	3.56%	3.56%	3.56%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.56%	3.56%	3.56%	3.56%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%
14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%
0.00%	7.46%	7.46%	7.46%	7.46%	7.46%	7.46%	7.46%	7.46%	7.46%

14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%
14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%
14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%
11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%
14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%
14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%
11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%	11.56%
14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%	14.94%
0.00%	0.00%	7.81%	6.85%	6.85%	6.85%	6.85%	6.85%	6.85%	6.85%
9.89%	9.89%	9.89%	9.89%	9.89%	9.89%	9.89%	9.89%	9.89%	9.89%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	6.85%	6.85%	6.85%	6.85%	6.85%	6.85%	6.85%
0.00%	7.46%	7.46%	7.46%	7.46%	7.46%	7.46%	7.46%	7.46%	7.46%
0.00%	0.00%	0.00%	0.00%	6.34%	6.34%	6.34%	6.34%	6.34%	6.34%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.56%	3.56%	3.56%	3.56%
0.00%	0.00%	0.00%	6.85%	6.85%	6.85%	6.85%	6.85%	6.85%	6.85%
0.00%	0.00%	0.00%	6.85%	6.85%	6.85%	6.85%	6.85%	6.85%	6.85%
100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
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Discount Rate
6.88%

$ millions	NPV	2021
1 Coal VOM Costs		
Retired Coal	0	0
EOL Coal	0	0
Total	0	0
2 Coal Fixed Costs		
Retired Coal FOM	426	77
Reclamation Costs	0	0
Retirement Costs	243	0
EOL Coal FOM	2,489	211
Total	3,158	289
3 Coal Fuel Costs		
Retired Coal	409	174
Retired Coal Start Fuel	24	4
EOL Coal	3,325	401
EOL Coal Start Fuel	120	13
Total	3,878	592
4 Emission Cost (CO2)		
Retired Coal	21	0
EOL Coal	1,486	0
Total	1,506	0
5 Proxy Generation Costs		
Solar VOM	23	(4)
Wind VOM	(3,443)	(309)
Gas VOM	155	10
Battery VOM	0	0
LT Contract VOM	871	108
QFs VOM	2,054	275
Other VOM	(44)	1
Fuel	3,538	248
Start Fuel	80	9
Energy not Served	15	1
Dumped Energy	0	0
Deficiency Cost	102	50
Emissions Costs	861	0

	Total	4,211	390
	VOM Integration, Wind + Solar		
6	Proxy Generation Resource Fixed Costs		
	Generator Fixed / Build Costs	5,181	8
	Battery Fixed / Build Costs	453	0
	Solar FOM	1,544	0
	Wind FOM	4,893	160
	Gas FOM	438	36
	Battery FOM	62	0
	Other FOM	749	12
	Use of Service	(6)	0
	Total	13,315	215
	Remove Portfolio Credits		
7	DSM Costs		
	DR VOM	0	0
	DR FOM	610	0
	EE VOM	1,150	9
	EE FOM	0	0
	Total	1,760	9
8	Market Costs		
	System Market Sales	(4,179)	(273)
	System Market Purchases	1,189	80
	Total	(2,990)	(193)
9	Transmission Costs		
	Transmission Build / Reinforcement Costs	1,341	0
	Total	1,341	0
11	Total System Cost	25,991	1,300
	Fixed	18,423	503
	Variable	7,755	797
	Adjustments	(187)	0
12	Risk Adjusted PVRR	26,343	
	Generation (GWH)		
	Retired Coal	20,427	7,442

EOL Coal	249,904	23,917
DSM	148,600	2,431
LT Contracts	32,363	1,441
QFs	73,171	5,736
Gas	229,442	10,130
Solar	184,918	1,223
Wind	362,793	9,172
Other System	123,209	3,761
Total	1,424,827	65,253

P02-MMGR-CETA ST Split Run Cost Data LT 18609 ST 19709

2022	2023	2024	2025	2026	2027	2028
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
94	79	67	63	30	30	32
0	0	0	0	0	0	0
0	0	0	0	124	0	41
246	246	272	264	269	264	225
339	325	339	327	423	294	299
95	103	23	13	4	7	13
4	4	3	2	1	2	3
433	429	527	417	358	352	309
15	14	16	15	14	14	12
546	551	568	447	377	374	338
0	0	0	4	1	2	3
0	0	0	241	231	248	214
0	0	0	246	232	250	217
(2)	4	4	4	4	4	4
(311)	(333)	(335)	(481)	(535)	(555)	(546)
12	14	13	13	13	14	14
0	0	0	0	0	0	0
109	129	127	110	100	99	98
266	252	233	231	228	210	208
1	1	1	1	1	1	(36)
278	290	284	284	274	301	318
6	5	8	8	8	9	10
(0)	8	0	0	1	2	0
0	0	0	0	0	0	0
35	23	6	0	0	0	1
0	0	0	52	56	67	74

393	394	342	222	149	150	147
8	8	15	15	218	218	352
0	0	0	0	0	0	0
0	0	63	100	125	128	139
163	191	198	467	523	539	559
38	38	40	41	42	43	46
0	0	1	(1)	(1)	(2)	(0)
5	5	6	5	7	7	85
0	(0)	(0)	(0)	(0)	(0)	(0)
213	241	322	628	915	933	1,181
0	0	0	0	0	0	0
6	19	29	34	38	42	46
22	32	43	53	65	79	94
0	0	0	0	0	0	0
28	51	72	87	102	120	140
(247)	(267)	(301)	(336)	(373)	(414)	(421)
70	74	77	84	68	77	87
(177)	(194)	(225)	(252)	(305)	(338)	(335)
0	0	1	99	151	151	157
0	0	1	99	151	151	157
1,343	1,368	1,420	1,776	2,015	1,906	2,114
558	585	691	1,089	1,526	1,420	1,683
784	783	729	716	518	515	460
(0)	(0)	(0)	(29)	(29)	(29)	(29)
352						
4,818	4,382	719	388	122	182	347

25,024	24,256	27,770	21,433	18,224	17,490	14,079
2,927	3,447	4,013	4,516	4,986	5,563	6,188
1,685	2,597	3,063	2,434	2,264	2,229	2,213
5,611	5,384	5,067	5,024	4,970	4,719	4,682
11,700	13,172	11,364	11,434	11,002	11,610	11,497
1,271	1,467	3,793	4,994	6,583	6,577	6,873
9,224	9,700	10,000	15,846	18,275	18,283	18,394
3,779	3,311	3,125	2,963	2,979	2,996	5,827
66,039	67,716	68,915	69,033	69,406	69,648	70,099

)

2029	2030	2031	2032	2033	2034	2035
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
13	13	13	13	14	13	13
0	0	0	0	0	0	0
12	37	0	0	0	0	0
208	237	232	247	238	255	247
234	287	245	260	252	268	260
5	5	7	8	10	11	11
1	1	1	2	2	2	2
316	263	232	205	190	174	164
10	11	8	8	8	7	7
332	280	249	223	210	195	184
1	1	2	3	4	4	5
227	214	198	189	190	186	193
228	215	200	192	194	191	197
4	4	4	4	4	4	4
(573)	(586)	(211)	(219)	(206)	(203)	(51)
14	14	15	17	15	17	18
0	0	0	0	0	0	0
95	64	36	36	35	35	35
194	190	189	174	148	145	143
(35)	(35)	(35)	(36)	(35)	15	15
331	340	358	393	367	404	430
8	7	7	8	7	7	8
1	2	2	2	1	0	1
0	0	0	0	0	0	0
0	0	0	0	0	0	0
79	87	100	122	121	148	174

116	87	464	501	456	572	776
352	559	726	787	1,057	1,057	1,057
74	74	74	74	74	74	74
140	170	209	214	268	273	277
572	604	620	678	679	613	603
49	52	54	55	33	34	34
12	10	10	9	9	9	9
86	97	100	102	104	106	108
(0)	(1)	(1)	(1)	(1)	(1)	(1)
1,284	1,567	1,792	1,918	2,223	2,165	2,162
0	0	0	0	0	0	0
51	55	60	63	86	90	105
110	129	146	163	178	192	207
0	0	0	0	0	0	0
161	184	207	226	263	282	312
(422)	(463)	(492)	(490)	(483)	(470)	(487)
103	99	111	112	118	138	156
(319)	(364)	(380)	(378)	(366)	(332)	(331)
157	159	177	199	214	214	214
157	159	177	199	214	214	214
2,164	2,386	2,924	3,111	3,415	3,594	3,745
1,725	2,068	2,275	2,441	2,773	2,736	2,741
468	347	679	700	671	817	1,034
(29)	(29)	(29)	(30)	(30)	41	(30)
124	117	174	181	235	235	233

13,483	11,287	9,343	7,910	7,038	6,119	5,605
6,798	7,433	7,990	8,502	8,925	9,394	9,843
2,149	1,656	1,204	1,185	1,172	1,160	1,145
4,460	4,410	4,384	4,172	3,667	3,371	3,330
11,220	11,141	11,433	12,258	10,926	11,807	12,345
6,931	7,918	10,205	10,182	13,253	13,234	13,212
18,345	20,170	20,174	21,712	21,610	21,634	21,645
5,801	6,553	6,520	6,558	6,562	6,511	6,516
69,310	70,684	71,427	72,659	73,389	73,466	73,874

					Total	Is FOM
2036	**2037**	**2038**	**2039**	**2040**		
0	0	0	0	0		
0	0	0	0	0		
0	0	0	0	0		
14	17	0	0	0		
0	0	0	0	0		
0	63	259	0	43		
251	174	136	128	106		
265	254	395	128	149		
20	15	0	0	0		
4	2	0	0	0		
178	167	42	36	50		
8	7	3	4	3		
210	191	45	39	53		
9	8	0	0	0		
235	237	83	82	117		
245	245	83	82	117		
4	1	1	0	0		
14	14	15	15	15		
18	20	18	19	19		
0	0	0	0	0		
34	29	28	28	28		
112	31	23	9	6		
15	15	43	42	45		
437	432	422	446	469		
7	5	5	5	6		
3	0	0	0	0		
0	0	0	0	0		
0	0	0	0	0		
193	207	212	243	266		

838	754	767	809	853
1,057	1,259	1,623	1,623	1,871
74	162	162	162	162
283	331	331	337	358
616	623	638	646	656
35	36	37	37	37
9	23	18	30	31
111	113	302	308	359
(1)	(2)	(2)	(2)	(2)
2,184	2,546	3,109	3,141	3,471
0	0	0	0	0
117	138	157	166	230
217	234	253	274	290
0	0	0	0	0
334	372	410	440	520
(489)	(492)	(484)	(459)	(605)
179	212	239	264	299
(310)	(280)	(245)	(195)	(306)
214	256	256	256	296
214	256	256	256	296
3,950	4,309	4,790	4,672	5,123
2,780	3,194	3,917	3,692	4,145
1,200	1,144	903	1,009	1,007
(30)	(30)	(30)	(30)	(30)
419	309	-	-	-

6,107	5,515	1,773	1,563	1,968
10,099	10,540	11,154	11,696	12,155
1,132	925	914	904	891
2,627	655	552	256	94
12,271	11,827	10,712	10,962	10,630
13,188	15,942	15,917	15,892	16,264
21,750	21,662	21,661	21,661	21,875
6,511	6,536	11,849	11,861	12,690
74,104	73,911	74,532	74,795	76,566

Sample:

Mean

Discount Rate
6.88%

$ millions	NPV	2021
1 Coal VOM Costs		
Retired Coal	0	0
EOL Coal	0	0
Total	0	0
2 Coal Fixed Costs		
Retired Coal FOM	1,031	180
Reclamation Costs	0	0
Retirement Costs	293	0
EOL Coal FOM	964	117
Total	2,288	297
3 Coal Fuel Costs		
Retired Coal	1,615	374
Retired Coal Start Fuel	65	11
EOL Coal	1,377	207
EOL Coal Start Fuel	42	6
Total	3,099	598
4 Emission Cost (CO2)		
Retired Coal	273	0
EOL Coal	536	0
Total	810	0
5 Proxy Generation Costs		
Solar VOM	23	(4)
Wind VOM	(3,364)	(309)
Gas VOM	159	10
Battery VOM	0	0
LT Contract VOM	871	108
QFs VOM	2,054	275
Other VOM	(70)	1
Fuel	3,681	245
Start Fuel	78	9
Energy not Served	3	0
Dumped Energy	0	0
Deficiency Cost	96	44
Emissions Costs	861	0

	Total	4,391	380
	VOM Integration, Wind + Solar		
6	Proxy Generation Resource Fixed Costs		
	Generator Fixed / Build Costs	6,776	8
	Battery Fixed / Build Costs	363	0
	Solar FOM	1,813	0
	Wind FOM	4,792	160
	Gas FOM	438	36
	Battery FOM	45	0
	Other FOM	906	12
	Use of Service	(6)	0
	Total	15,127	215
	Remove Portfolio Credits		
7	DSM Costs		
	DR VOM	0	0
	DR FOM	610	0
	EE VOM	1,359	9
	EE FOM	0	0
	Total	1,969	9
8	Market Costs		
	System Market Sales	(3,963)	(276)
	System Market Purchases	1,386	76
	Total	(2,577)	(200)
9	Transmission Costs		
	Transmission Build / Reinforcement Costs	1,353	0
	Total	1,353	0
11	Total System Cost	26,198	1,298
	Fixed	19,378	511
	Variable	7,081	787
	Adjustments	(262)	0
12	Risk Adjusted PVRR	26,525	
	Generation (GWH)		
	Retired Coal	99,094	18,939

EOL Coal	107,259	12,656
DSM	153,841	2,429
LT Contracts	32,363	1,442
QFs	73,171	5,736
Gas	232,564	10,097
Solar	219,275	1,223
Wind	360,662	9,169
Other System	133,750	3,739
Total	1,411,979	65,429

P02-SCGR-MM ST Split Run Cost Data LT 29923 ST 30180

2022	2023	2024	2025	2026	2027	2028
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
208	197	169	174	85	80	84
0	0	0	0	0	0	0
0	0	21	15	180	0	41
135	140	137	133	127	129	64
343	337	327	322	392	209	189
330	328	280	186	81	84	97
12	12	11	8	4	4	4
204	203	232	192	172	174	112
6	6	7	7	6	6	3
552	549	529	393	263	269	216
0	0	0	90	46	52	63
0	0	0	128	120	132	72
0	0	0	218	165	184	136
(2)	4	4	4	4	4	4
(311)	(332)	(335)	(482)	(521)	(540)	(531)
12	14	13	13	15	15	15
0	0	0	0	0	0	0
109	129	127	110	100	99	98
266	252	233	231	228	210	208
1	1	1	1	1	1	(36)
273	290	296	288	306	326	345
6	5	8	10	8	9	8
0	0	0	0	1	2	0
0	0	0	0	0	0	0
42	18	2	1	0	0	0
0	0	0	53	62	71	78

396	381	351	230	203	195	189
8	8	106	163	435	435	594
0	0	0	0	0	0	49
0	0	80	127	171	174	185
163	191	198	467	500	516	542
38	38	40	41	42	43	46
0	0	1	(1)	(1)	(2)	8
5	5	6	5	7	7	85
0	(0)	(0)	(0)	(0)	(0)	(0)
213	241	430	802	1,154	1,173	1,508
0	0	0	0	0	0	0
6	19	29	34	38	42	46
24	36	50	61	76	94	113
0	0	0	0	0	0	0
30	55	79	95	114	135	159
(249)	(267)	(301)	(333)	(355)	(401)	(411)
68	73	75	85	88	89	101
(181)	(194)	(226)	(248)	(267)	(311)	(310)
0	0	1	99	151	151	157
0	0	1	99	151	151	157
1,353	1,370	1,492	1,872	2,138	1,966	2,204
562	597	788	1,258	1,735	1,575	1,900
791	773	705	654	442	431	343
(0)	(0)	(0)	(39)	(39)	(39)	(39)
327						
18,002	16,499	13,064	8,277	3,787	3,824	4,216

12,143	12,117	13,599	11,239	9,400	9,271	4,880
2,958	3,505	4,108	4,648	5,179	5,793	6,435
1,685	2,597	3,063	2,434	2,264	2,229	2,213
5,611	5,384	5,067	5,024	4,970	4,719	4,682
11,501	13,192	11,988	11,620	12,237	12,530	12,484
1,271	1,467	4,953	6,942	9,883	9,860	10,061
9,225	9,698	9,994	15,859	17,662	17,665	18,509
3,775	3,311	3,123	2,972	2,986	2,988	5,799
66,170	67,770	68,959	69,015	68,368	68,879	69,279

2029	2030	2031	2032	2033	2034	2035
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
69	63	13	13	14	13	13
0	0	0	0	0	0	0
12	37	40	37	0	0	0
53	67	70	59	59	65	62
135	167	123	109	73	78	75
115	110	23	21	15	16	25
4	4	2	2	2	3	3
104	75	72	68	52	45	35
2	2	2	2	2	2	2
224	192	99	94	71	66	65
72	77	7	7	5	6	10
71	65	70	72	62	60	54
143	142	76	79	67	66	64
4	4	4	4	4	4	4
(558)	(572)	(195)	(202)	(190)	(186)	(34)
16	15	16	17	16	17	17
0	0	0	0	0	0	0
95	64	36	36	35	35	35
194	190	189	174	148	145	143
(35)	(35)	(72)	(72)	(72)	28	28
374	366	398	407	389	402	416
7	7	7	7	6	7	7
1	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
87	92	109	124	126	145	166

184	130	492	494	463	596	782
594	780	966	1,050	1,297	1,297	1,297
49	49	49	49	49	49	49
186	222	235	240	295	300	305
554	593	609	667	667	601	591
49	52	54	55	33	34	34
7	6	5	5	4	5	4
86	80	163	166	169	173	176
(0)	(1)	(1)	(1)	(1)	(1)	(1)
1,525	1,781	2,080	2,231	2,513	2,456	2,455
0	0	0	0	0	0	0
51	55	60	63	86	90	105
131	151	172	191	210	229	248
0	0	0	0	0	0	0
182	206	232	254	295	319	353
(405)	(436)	(452)	(466)	(463)	(452)	(465)
122	124	145	137	142	166	186
(283)	(312)	(307)	(329)	(321)	(287)	(279)
157	163	181	203	218	218	218
157	163	181	203	218	218	218
2,229	2,429	2,937	3,095	3,339	3,544	3,693
1,868	2,167	2,445	2,606	2,889	2,842	2,853
400	302	532	529	489	671	879
(39)	(40)	(40)	(40)	(40)	31	(40)
4,245	3,993	548	476	326	351	527

4,257	3,406	3,248	2,980	2,288	1,944	1,556
7,038	7,682	8,259	8,791	9,233	9,743	10,225
2,149	1,656	1,204	1,185	1,172	1,160	1,145
4,460	4,410	4,384	4,172	3,667	3,371	3,330
12,392	11,813	12,432	12,492	11,350	11,605	11,773
10,038	11,136	11,664	11,637	14,703	14,702	14,684
18,436	20,103	20,066	21,620	21,462	21,561	21,571
5,829	5,759	8,512	8,556	8,549	8,395	8,409
68,843	69,957	70,318	71,910	72,749	72,831	73,219

Total	Is FOM	2036	2037	2038	2039	2040
		0	0	0	0	0
		0	0	0	0	0
		0	0	0	0	0
		14	17	0	0	0
		0	0	0	0	0
		0	63	131	0	0
		60	0	0	0	0
		73	81	131	0	0
		25	77	0	0	0
		4	4	0	0	0
		54	0	0	0	0
		3	0	0	0	0
		85	81	0	0	0
		11	37	0	0	0
		88	0	0	0	0
		100	37	0	0	0
		4	1	1	0	0
		15	15	15	15	15
		17	19	17	18	18
		0	0	0	0	0
		34	29	28	28	28
		112	31	23	9	6
		28	30	45	47	49
		415	429	433	490	506
		7	5	5	6	6
		0	0	0	0	0
		0	0	0	0	0
		0	0	0	0	0
		183	194	198	228	252

815	752	767	843	881
1,297	1,477	1,718	1,718	1,957
49	137	137	137	137
311	352	363	369	387
603	610	625	633	640
35	36	37	37	37
4	18	13	25	26
180	183	280	286	336
(1)	(2)	(2)	(2)	(2)
2,479	2,811	3,170	3,202	3,517
0	0	0	0	0
117	138	157	166	230
261	280	302	325	340
0	0	0	0	0
378	418	459	491	570
(469)	(418)	(395)	(385)	(473)
213	282	309	322	372
(255)	(136)	(87)	(63)	(100)
218	256	256	256	295
218	256	256	256	295
3,853	4,259	4,656	4,688	5,121
2,887	3,285	3,714	3,624	4,042
1,006	1,014	982	1,104	1,120
(40)	(40)	(40)	(40)	(40)
507	1,514	-	-	-

2,276	-	-	-	-
10,501	10,953	11,594	12,153	12,615
1,132	925	914	904	891
2,627	655	552	256	94
11,594	11,094	10,014	10,285	10,070
14,660	17,132	17,680	17,655	17,925
21,687	21,601	21,592	21,592	21,590
8,427	8,535	11,017	11,111	11,958
73,410	72,409	73,364	73,957	75,143

Sample:

Mean