

**WEST
CONNECT**

Enhancing wholesale
electricity markets
in the southwest

WestConnect TTC/ATC

Workshop

AUGUST 17TH 2011

WestConnect TTC/ATC Workshop Participants

CCPG

TRI-STATE

WAPA-RMR

SSPG

NVE

SMUD

SWAT

APS

PNM

EPE

IID

SRP

SWTC

TEP

WAPA-DSW

WestConnect TTC/ATC Presentation Format

I. Subregional Planning Group

A. Company

1. Existing Paths
2. Additions & Changes
3. Notes

WestConnect TTC/ATC

Definition of Terms

Available Transfer Capability (ATC) is a measure of the transfer capability remaining in the physical transmission network for further commercial activity over and above already committed uses.

Total Transfer Capability (TTC) is defined as the amount of electric power that can be transferred over the interconnected transmission network in a reliable manner while meeting all of a specific set of defined pre- and post-contingency system conditions.

WestConnect TTC/ATC

Definition of Terms

Transmission Reliability Margin (TRM) is defined as the amount of transmission transfer capability necessary to ensure that the interconnected transmission network is secure under a reasonable range of uncertainties in system conditions.

Capacity Benefit Margin (CBM) is defined as that amount of transmission transfer capability reserved by load serving entities to ensure access to generation from interconnected systems to meet generation reliability requirements.

WestConnect TTC/ATC Workshop

CCPG Paths

WestConnect TTC/ATC Workshop

Tri-State Paths

Revised July 2011

Existing Paths For Tri-State

Path Name	TTC DETERMINE BY	TTC (TSGT Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
TOT 1A (WECC PATH 30)							
EAST – WEST	WECC	142	0	0	0	142	
TOT 2A (WECC PATH 31)							
NORTH – SOUTH	WECC	60-120	0	0	60-120	0	
TOT 3 (WECC PATH 36)							
NORTH – SOUTH	WECC	410	0	0	410	0	
TOT 5 (WECC PATH 39)							
WEST-EAST	WECC	260	0	0	260	0	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For Tri-State

Path Name	TTC DETERMINE BY	TTC (TSGT Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
TSGT EASTERN COLORADO SYSTEM							
NORTH - SOUTH	WECC	120	0	0	120	0	
SAN JUAN –FOURCORNERS (1)							
NORTH – SOUTH	WECC	149	0	0	85	64	
SAN JUAN-SHIPROCK-FOURCORNERS (2)							
NORTH – SOUTH	WECC	134	0	0	134	0	
SOUTHERN NEW MEXICO (NM1) (WECC PATH 47)							
NORTH – SOUTH	WECC	110	0	0	110	0	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For Tri-State

Path Name	TTC DETERMINE BY	TTC (TSGT Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
NORTHERN NEW MEXICO (NM2) (WECC PATH 48)							
NORTH-SOUTH	WECC	300	0	0	300	0	

Tri-State NOTES

NOTES	

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WAPA Paths

Existing Paths For WAPA

Path Name	TTC DETERMINE BY	TTC (WAPA Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
SCSW-AU							
NORTH - SOUTH	WECC	198	91	0	107	0	
SOUTH - NORTH	WECC	173	71	0	77	25	
DJ-SGW							
NORTH – SOUTH	OWNER	299	63	0	236	0	
SOUTH - NORTH	OWNER	299	178	0	111	10	
SGW -SCSW							
NORTH – SOUTH	OWNER	173	21	0	127	25	
SOUTH - NORTH	OWNER	173	36	0	137	0	
YTW - DJ							
NORTH – SOUTH	SUBREGION	225	54	0	171	0	
SOUTH - NORTH	SUBREGION	199	29	0	170	0	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For WAPA

Path Name	TTC DETERMINE BY	TTC (WAPA Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
YTP – YTW							
NORTH – SOUTH	SUBREGION	298	100	0	125	73	
SOUTH - NORTH	SUBREGION	298	100	0	148	50	
SGW -ARH							
NORTH – SOUTH	OWNER	214	70	0	144	0	
HDN – BRU							
NORTH - SOUTH	SUBREGION	25	0	0	0	25	
DJ – ARH							
NORTH – SOUTH	OWNER	302	109	0	192	1	
SOUTH - NORTH	WECC	302	191	0	0	111	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For WAPA

Path Name	TTC DETERMINE BY	TTC (WAPA Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
ARH - AU							
NORTH – SOUTH	WECC	277	150	0	127	0	
SOUTH – NORTH	WECC	302	57	0	175	70	
AU - BSAN							
NORTH – SOUTH	OWNER	109	59	0	50	0	
SOUTH – NORTH	OWNER	109	43		0	66	
SCSW - AU							
NORTH – SOUTH	WECC	198	91	0	107	0	
SOUTH – NORTH	WECC	173	71	0	77	25	
CRG - AU							
EAST – WEST	WECC	450	28	0	425	0	
WEST - EAST	WECC	425	50	0	282	93	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For WAPA

Path Name	TTC DETERMINE BY	TTC (WAPA Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
CRG - BLUE							
WEST – EAST	WECC	50	30	0	0	20	
EAST - WEST	WECC	50	20	0	0	30	
CRG – SJ345							
NORTH – SOUTH	WECC	170	20	0	150	0	
SOUTH – NORTH	WECC	170	50	0	120	0	
SCSE-SCSW							
EAST - WEST	OWNER	200	0	0	130	70	
WEST - EAST	OWNER	200	0	0	155	45	
CRG - MIDW							
EAST – WEST	WECC	442	24	0	385	33	
WEST - EAST	WECC	250	24	0	226	0	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For WAPA

Path Name	TTC DETERMINE BY	TTC (WAPA Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
CRG - BOZ							
EAST - WEST	WECC	285	0	0	254	31	
WEST - EAST	WECC	218	43	0	173	2	
SWR – VNL							
EAST - WEST	WECC	140	0	0	140	0	
WEST - EAST	WECC	140	0	0	140	0	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

WAPA NOTES

NOTES	
A	This project is in-service as of June 15, 2010.

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SSPG Paths

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NVE Paths

Existing Paths For NVE

Path Name	TTC DETERMINE BY	TTC (NVE Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
ALTURAS (WECC PATH 76)							
IMPORT -NORTH-SOUTH	WECC,NWPP	300	0	0	110	190	1
EXPORT-SOUTH-NORTH	WECC,NWPP	300	0	0	70	230	1
IDAHO – SIERRA (WECC PATH 16)							
IMPORT- NORTH-SOUTH	WECC,NWPP	478	VARI	0	125	111	1,2
EXPORT -SOUTH-NORTH	WECC,NWPP	262	VARI	0	262	0	1,2
INTERMOUNTAIN & PAVANT-GONDER 230 KV (WECC PATH 32)							
EAST – WEST	WECC,NWPP	360	VARI	0	367	0	1,2,3
WEST - EAST	WECC,NWPP	235	VARI	0	0	215	1,2,3
SILVER PEAK- CONTROL 55 KV (WECC PATH 52)							
SOUTH-NORTH	WECC,NWPP	13	0	0	0	13	1
NORTH-SOUTH	WECC,NWPP	17	0	0	17	0	1

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For NVE

Path Name	TTC DETERMINE BY	TTC (NVE Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
PG&E- SPP (WECC PATH 24)							
IMPORT-WEST – EAST	WECC,NWPP	130-150	0	0	0	130-150	1
EXPORT-EAST – WEST	WECC,NWPP	40-100	0	0	7	33-93	1,4
MARBLE – PLUMAS SIERRA							
IMPORT-WEST – EAST	WECC,NWPP	22	0	0	0	22	1
EXPORT-EAST – WEST	WECC,NWPP	22	0	0	7	15	1
TOT 2C (WECC PATH 35)							
IMPORT-NORTH - SOUTH	WECC	354	0	0	354	0	1
EXPORT-SOUTH - NORTH	WECC	580	0	0	280	300	1
CRYSTAL – ALLEN (WECC PATH 77)							
IMPORT-WEST – EAST	WECC	950	264	0	260	426	1
EXPORT-EAST – WEST	WECC	950	150	0	0	779	1

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

NVE NOTES

NOTES	
1	Each NVE TTC and ATC number represents a point in time of a dynamic number (please refer to the NVE OASIS posting). The “Committed Uses” represent long term firm agreements as of 07/25/2011.
2	The “Variable TRM” varies from about 178 to 214 on WECC paths # 16/32.
3	Path 32 is a combination of two lines (Intermountain – Gonder & Pavant – Gonder 230 kV). Intermountain – Gonder (Path #29) has its own limitations. The E-W flow (SPPC import) is limited to 360 for April and May and is at 400 the rest of the year.
4	The SPPC export across the Reno area to Path 24 varies monthly depending on load.
5	The scheduling path is also part of WECC Path 81 which has a 3,000 MW limit.

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SMUD Paths

SMUD NOTES

NOTES	

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SWAT Paths

WestConnect TTC/ATC Workshop

APS Paths

Existing Paths For APS

Path Name	TTC DETERMINE BY	TTC (APS Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
FOUR CORNERS-CHOLLA 345KV							
EAST - WEST	MOD-029/WECC	1340	0	0	1340	0	A
WEST - EAST	MOD-029/WECC	1340	0	0	186	1154	A

CHOLLA – PINNACLE PEAK 345KV (WECC PATH 50)							
EAST – WEST	MOD-029/WECC	1200	0	0	1200	0	
WEST - EAST	MOD-029/WECC	1200	0	0	10	1125	

CHOLLA-SAGUARO 500KV							
NORTH - SOUTH	MOD-029	962	0	0	820	142	C
SOUTH - NORTH	MOD-029	962	0	0	125	837	C

SOUTHERN NAVAJO 500KV (WECC PATH 51)							
NORTH - SOUTH	MOD-029/WECC	692	0	0	692	0	
SOUTH - NORTH	MOD-029/WECC	692	0	0	0	692	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For APS

Path Name	TTC DETERMINE BY	TTC (APS Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
PALO VERDE EAST							
WEST – EAST	MOD-029	1913	0	0	1913	0	
EAST – WEST	MOD-029	1913	0	0	504	1059	
PALO VERDE – RUDD 500KV							
WEST – EAST	MOD-029	990	0	0	990	0	
EAST – WEST	MOD-029	990	0	0	0	990	
MEAD – PERKINS 500KV (WECC PATH 63)							
WEST – EAST	MOD-029/WECC	349	0	0	225	124	B
EAST – WEST	MOD-029/WECC	349	0	0	200	149	B

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For APS

Path Name	TTC DETERMINE BY	TTC (APS Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
MORGAN – PINNACLE PEAK							
WEST – EAST	MOD-029	600	0	0	336	264	
EAST – WEST	MOD-029	600	0	0	0	600	
HASSAYAMPA – NORTH GILA 500KV							
WEST – EAST	MOD-029/WECC	168	0	0	0	168	B
EAST – WEST	MOD-029/WECC	168	0	0	168	0	B

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Additions & Changes For APS

				EXPECTED					
PATH NAME	TTC DETERMINED BY	EXISTING TTC	CHANGE TTC	COMPLETION	TRM	CBM	COMMITTED USES	ATC	NOTE
PROJECT NAME									
PALO VERDE – DELANY – SUN VALLEY 500KV									
WEST – EAST	OTHER	0	400	JUNE – 2014	0	0	400	0	D
EAST – WEST	OTHER	0	400	JUNE - 2014	0	0	0	400	D

PALO VERDE – DELANY – SUN VALLEY 500KV									
SUN VALLEY – MORGAN (TS9) 500KV									
WEST – EAST	OTHER	400	400	JUNE-2016	0	0	800	0	D &E
EAST – WEST	OTHER	400	400	JUNE-2016	0	0	0	800	D &E

PALO VERDE HUB – NORTH GILA 500KV #2 LINE									
EAST - WEST	WECC	0	UNKNOWN	JUNE-2014	0	0	UNKNOWN	UNKN OWN	F
WEST - EAST	WECC	0	UNKNOWN	JUNE-2014	0	0	UNKNOWN	UNKN OWN	F

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

APS NOTES

NOTES	
A	These lines are a subset of Path 22
B	These lines are a subset of Path 49
C	TTC changed due to implementation of the MOD-029 Standard
D	Project is still being studied and neither the in-service date nor the TTC/ETC/ATC is firm. APS is currently an 80% participant in the project.
E	Project completes the full 500kV path from Palo Verde to Morgan (TS9) and is expected to increase the rating on the Palo Verde-Sun Valley portion that will be constructed first. APS is currently an 80% participant in the project.
F	Project likely to be incorporated into Path 49. Project is still being studied and neither the in-service date nor the TTC/ETC/ATC is known at this time. Currently the planned in-service date is scheduled for 2014. APS is currently 40% participant.

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PNM Paths

Existing Paths For PNM

Path Name	TTC DETERMINE BY	TTC (PNM Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
NORTHERN NEW MEXICO (NM2) (WECC PATH 48)							
WEST – EAST	WECC	1849	127	0	1849	0	A,B
EAST - WEST	WECC	1697	0	0	190	1507	

NEA-SJ345							
NEA-SJ345	TO	193	0	0	0	193	

SJ345-FOURCORNER 345KV							
SJ345-FOURCORNE345	TO	299	0	0	78	221	
FOURCORNE345-SJ345	TO	299	0	0	0	299	

SJ345-MCKINLEY 345KV							
SJ345-MCKINLEY 345KV	TO	200	0	0	200	0	
MCKINLEY345—SJ 345KV	TO	150	0	0	94	56	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For PNM

Path Name	TTC DETERMINE BY	TTC (PNM Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
MCKINLEY345-SPRINGER 345KV SPRINGER345-SJ345							
MCKINLEY345-SPRINGER 345KV	TO	100	0	0	100	0	
SPRINGER345-SJ345 MCKINLEY 345KV	TO	100	0	0	94	6	
SPRINGER345-CORONADO 345KV							
SPRINGER345-CORONADO 345KV	TO	100	0	0	62	38	
CORONADO345-SPRINGER 345KV	TO	100	0	0	0	100	
SJ345-GREENLEE 345KV							
SJ345-GREENLEE 345KV	TO	50	0	0	50	0	
GREENLEE345-SJ 345KV	TO	50	0	0	50	0	
SHIPROCK345-FOURCORNERS 345KV							
SHIPROCK345-FOURCORNE 345KV	TO	300	0	0	0	300	
FOURCORNE345-SHIPROCK 345KV	TO	300	0	0	0	300	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For PNM

Path Name	TTC DETERMINE BY	TTC (PNM Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
SJ345-SHIPROCK 345KV							
SJ345-SHIPROCK 345KV	TO	269	0	0	50	219	
SHIPROCK345-SJ 345KV	TO	269	0	0	0	269	
SJ345-HOGBACK 345KV							
SJ345-HOGBACK 345KV	TO	200	0	0	200	0	
HOGBACK 345-SJ 345KV	TO	200	0	0	200	0	
GREENLEE345-HIDALGO 345KV							
GREENLEE345-HIDALGO 345KV	TO	160	0	0	160	0	
HIDAGO345 - GREENLEE 345KV	TO	300	0	0	130	170	
PALOVERDE500-EAST (WESTWING500,KYRENE500,JOJOBA500)							
PALOVERDE500-EAST	TO	669	0	0	274	395	
EAST-PALOVERDE500	TO	106	0	0	0	106	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For PNM

Path Name	TTC DETERMINE BY	TTC (PNM Share)	TRM	CB M	COMMITTED USES	ATC	NOTE
WESTWING500-WESTWING 230KV							
WESTWING500-WESTWING 230KV	TO	182	0	0	134	48	
WESTWING230-WESTWING 500KV	TO	182	0	0	0	182	
KYRENE500-KYRENE 230KV							
KYRENE500-KYRENE 230KV	TO	215	0	0	0	215	
KYRENE230-KYRENE 500KV	TO	215	0	0	0	215	
FOURCORNE345-FOURCORNE 230KV							
FOURCORN345-FOURCORNE230 KV	TO	157	3	0	157	0	
FOURCORN230-FOURCORNE345 KV	TO	157	0	0	0	157	
HIDAGO345-LUNA345 KV							
HIDAGO345-LUNA 345KV	TO	214	0	0	102	112	
LUNA345-HIDAGO 345KV	TO	214	0	0	20	194	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For PNM

Path Name	TTC DETERMINE BY	TTC (PNM Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
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HILDAGO345 – HIDAGO 115KV

HILDAGO345-HILDAGO 115KV	TO	448	0	0	130	318	
HILDAGO115-HILDAGO 345KV	TO	448	0	0	182	266	

EDDY230-AMRAD 345 KV

EDDY230-AMRAD 345KV	TO	67	0	0	0	0	
AMRAD345-EDDY 230KV	TO	67	0	0	0	0	

~~AMRAD345-AMRAD 115KV~~ AMRAD115-ALAMOGORDO115

AMRAD115-ALAMOGORDO 115KV	TO	91	0	0	43	48	
ALAMOGORDO115-AMRAD 115KV	TO	91	0	0	0	91	

LUNA345-LUNA 115KV

LUNA345-LUNA 115KV	TO	162	0	0	160	2	
LUNA115-LUNA 345KV	TO	162	0	0	0	200	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

PNM NOTES

NOTES	
A	Path 48 rating is dynamically calculated in real-time and can be higher or lower than number shown. Rating shown is dependent on local dispatch. WECC Path rating of 1849 MW simultaneous with Path 47, 1970 MW non-simultaneous.
B	Path 48 Committed Uses do not include contingent firm.

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EPE Paths

Existing Paths For EPE

Path Name	TTC DETERMINE BY	TTC (EPE Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
SOUTHERN NEW MEXICO (NM1) (WECC PATH 47)							
WEST – EAST	WECC	645	0	0	645	0	Note A
AFTON345-GREENLEE345							
EAST - WEST	TO	200	0	0	200	0	
AFTON345-HIDALGO345							
EAST - WEST	TO	286	0	0	200	86	
WEST - EAST	TO	286	0	0	286	0	
AFTON345-LUNA345							
EAST - WEST	TO	862	0	0	50	812	MOD-29
WEST - EAST	TO	615	0	0	615	0	MOD-29

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For EPE

Path Name	TTC DETERMINE BY	TTC (EPE Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
SOUTHERN NEW MEXICO (NM1) (WECC PATH 47)							
WEST – EAST	WECC	645	0	0	645	0	Note A
AFTON345-GREENLEE345							
EAST - WEST	TO	200	0	0	200	0	
AFTON345-HIDALGO345							
EAST - WEST	TO	286	0	0	200	86	
WEST - EAST	TO	286	0	0	286	0	
AFTON345-LUNA345							
EAST - WEST	TO	523	0	0	50	473	MOD-29
WEST - EAST	TO	523	0	0	523	0	MOD-29

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For EPE

Path Name	TTC DETERMINE BY	TTC (EPE Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
AFTON345-SPRINGERVILLE345							
EAST - WEST	TO	657	0	0	50	607	

AFTON345-WESTMESA345							
SOUTH - NORTH	TO	30	0	0	30	0	

AMRAD345-GREENLEE345							
EAST - WEST	TO	200	0	0	200	0	

AMRAD345-SPRINGERVILLE345							
EAST - WEST	TO	205	0	0	133	72	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For EPE

Path Name	TTC DETERMINE BY	TTC (EPE Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
AFTON345-SPRINGERVILLE345							
EAST - WEST	TO	523	0	0	50	473	

AFTON345-WESTMESA345							
SOUTH - NORTH	TO	30	0	0	30	0	

AMRAD345-GREENLEE345							
EAST - WEST	TO	200	0	0	200	0	

AMRAD345-SPRINGERVILLE345							
EAST - WEST	TO	175	0	0	133	42	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For EPE

Path Name	TTC DETERMINE BY	TTC (EPE Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
EDDY230-GREENLEE345							
EAST - WEST	TO	133	0	0	133	0	Non-Firm
WEST - EAST	TO	107	0	0	107	0	Non-Firm

EDDY230-HIDALGO345							
EAST - WEST	TO	133	0	0	133	0	Non-Firm

EDDY230-LUNA345							
EAST - WEST	TO	133	0	0	133	0	Non-Firm

EDDY230-SPRINGERVILLE345							
EAST - WEST	TO	133	0	0	133	0	Non-Firm
WEST - EAST	TO	133	0	0	133	0	Non-Firm

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For EPE

Path Name	TTC DETERMINE BY	TTC (EPE Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
EDDY230-WESTMESA345							
SOUTH - NORTH	TO	30	0	0	30	0	Non-Firm

HIDALGO345-SPRINGERVILLE345							
OTHER	TO	286	0	0	286	0	

HIDALGO345-WESTMESA345							
OTHER	TO	30	0	0	30	0	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For EPE

Path Name	TTC DETERMINE BY	TTC (EPE Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
JOJOBA500-KYRENE500							
WEST - EAST	TO	1034	0	0	642	392	
EAST - WEST	TO	1034			400	634	
JOJOBA500-PALOVERDE500							
EAST - WEST	WECC	1034	0	0	400	634	
WEST -EAST	WECC	1034	0	0	642	392	
JOJOBA500-WESTWING500							
OTHER	WECC	1034	0	0	642	392	
KYRENE500-PALOVERDE500							
EAST - WEST	WECC	1034	0	0	400	634	
WEST - EAST	WECC	1034			642	392	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For EPE

Path Name	TTC DETERMINE BY	TTC (EPE Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
LAS CRUCES115-AMRAD345							
WEST - EAST	TO	80	0	0	40	40	
LUNA345-SPRINGERVILLE345							
EAST - WEST	TO	657	0	0	0	657	
LUNA345-WESTMESA345							
SOUTH - NORTH	TO	30	0	0	30	0	
LUNA345-GREENLEE345							
EAST-WEST	TO	200	0	0	200	0	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For EPE

Path Name	TTC DETERMIN E BY	TTC (EPE Share)	TRM	CB M	COMMITTED USES	ATC	NOTE
PALOVERDE500-WESTWING500							
WEST - EAST	WECC	1034	0	0	642	392	
EAST - WEST	WECC	1034	0	0	400	634	
WESTMESA345-AMRAD115							
NORTH - SOUTH	TO	115	0	0	115	0	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Additions & Changes For EPE

				EXPECTED					
PATH NAME PROJECT NAME	TTC DETERMINED BY	EXISTING TTC	CHANGE TTC	COMPLETION	TRM	CBM	COMMITTED USES	ATC	NOTE
PICANTE 345/115 KV TRANSFORMER									
OTHER	Transformer rating	0	200	3-2011	0	0	200	0	B

"Committed Use" values are today's estimated peak values and will vary with season and time-of-day.

EPE NOTES

NOTES	
A	NM1 (Path 47) capacity is determined through real-time nomograms using parameters in southern New Mexico and the maximum firm capacity of each owner (EP/PNM/Tri-State) is determined under contracts.
B	This project is under construction and is expected to be in service by Fall 2010.

EPE NOTES

NOTES	
A	NM1 (Path 47) capacity is determined through real-time nomograms using parameters in southern New Mexico and the maximum firm capacity of each owner (EP/PNM/Tri-State) is determined under contracts.
B	This project was completed in the early Spring 2011.

WestConnect TTC/ATC Workshop

IID Paths

Existing Paths For IID

Path Name	TTC DETERMINE BY	TTC (IID Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
IID-SCE INTERTIE (WECC PATH 42)							
EAST - WEST	WECC	600	0	0	600	0	A
WEST – EAST	OTHER	600	0	0	0	600	B
IID-SDG&E INTERTIE							
EAST - WEST	WECC	239	0	0	0	239	C
WEST - EAST	OTHER	239	0	0	239	0	D
IID-WAPA INTERTIE							
EAST – WEST	TO	275	0	0	275	0	E
WEST – EAST	OTHER	275	0	0	55	225	F
IID-APS INTERIE							
EAST - WEST	TO	75	0	0	75	0	G
WEST – EAST	OTHER	75	0	0	10	65	H

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

IID NOTES

A	IID-SCE intertie
B	IID -SCE intertie-short term only
C	IID - SDG&E intertie
D	IID - SDG&E intertie
E	IID - WAPA intertie
F	IID - WAPA intertie
G	IID - APS intertie
H	IID - APS intertie
I	IID – Partial ownership rights
J	IID – Partial ownership rights
K	IID – Partial ownership rights
L	IID – Partial ownership rights

WestConnect TTC/ATC Workshop

SRP Paths

Existing Paths For SRP

Path Name	TTC DETERMINE BY	TTC (SRP Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
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PALO VERDE 500kV-KYRENE & WESTWING 500KV

WEST - EAST	MOD-029	1913	688	0	1216	9	
EAST - WEST	MOD-029	1913	50	0	1000	863	

PALO VERDE 500kV-RUDD 500KV

WEST - EAST	MOD-029	990	0	0	978	12	
EAST - WEST	MOD-029	990	0	0	0	990	

CORONADO 500kV-SILVERKING-KYRENE 500KV (WECC PATH 54)

NORTH - SOUTH	MOD-029	1494	77	0	1417	0	
SOUTH - NORTH	MOD-029	1364	40	0	230	1094	

SOUTHERN NAVAJO 500KV (WECC PATH 51)

NORTH - SOUTH	MOD-029	1640	285	0	1191	164	
SOUTH - NORTH	MOD-029	1640	50	0	627	963	

TTC, TRM, CBM, CU and ATC values were collected on 7/20/2011 for SRP's estimated peak hour. All values are subject to change at any time. value can change at any time.

Existing Paths For SRP

Path Name	TTC DETERMINE BY	TTC (SRP Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
MEAD 500kV-WESTWING 500KV							
NORTH-SOUTH	MOD-029	349	0	0	236	113	
SOUTH-NORTH	MOD-029	349	0	0	248	101	
MARKETPLACE500kV - MEAD 500KV							
NORTH-SOUTH	MOD-029	556	0	0	0	556	
SOUTH-NORTH	MOD-029	556	0	0	0	556	
MARKETPLACE 500kV-MCCULLOUGH 500KV							
EAST - WEST	MOD-029	372	0	0	0	372	
WEST – EAST	MOD-029	372	0	0	0	372	

TTC, TRM, CBM, CU and ATC values were collected on 7/20/2011 for SRP's estimated peak hour. All values are subject to change at any time.value can change at any time.

Existing Paths For SRP

Path Name	TTC DETERMINE BY	TTC (SRP Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
FOURCORNERS 345/230KV							
345/230KV	MOD-029	357	0	0	50	307	
230/345KV	MOD-029	357	0	0	0	357	
PALO VERDE 500kV-PINAL WEST 500KV							
WEST – EAST	MOD-029	303	0	0	0	303	
EAST - WEST	MOD-029	303	0	0	0	303	
CORONADO 500kV- CHOLLA 500KV							
CORONADO-CHOLLA	MOD-029	110	0	0	110	0	
CHOLLA-CORONADO	MOD-029	496	77	0	283	136	
SUGARLOAF 500kV- CHOLLA 500KV							
SUGARLOAF-CHOLLA	MOD-029	110	0	0	110	0	
CHOLLA-SUGARLOAF	MOD-029	496	77	0	283	136	

TTC, TRM, CBM, CU and ATC values were collected on 7/20/2011 for SRP's estimated peak hour. All values are subject to change at any time.

Existing Paths For SRP

Path Name	TTC DETERMINE BY	TTC (SRP Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
RUDD 230kV- LIBERTY 230KV							
NORTH-SOUTH	MOD-029	322	70	0	322	0	
SOUTH-NORTH	MOD-029	322	0	0	322	0	

TTC, TRM, CBM, CU and ATC values were collected on 7/20/2011 for SRP's estimated peak hour. All values are subject to change at any time. value can change at any time.

Additions & Changes For SRP

				EXPECTED					
PATH NAME	TTC DETERMINED BY	EXISTING TTC	CHANGE TTC	COMPLETION	TRM	CBM	COMMITTED USES	ATC	NOTE
PROJECT NAME									
MORGAN – PINNACLE PK									
WEST – EAST	MOD-029	0	900	JUNE-2011	0	0	300	600	
EAST – WEST	MOD-029	0	900	JUNE-2011	0	0	0	900	

PINAL WEST - PINAL CENTRAL – BROWNING

PV-PW – PINAL CENTRAL – BROWNING									
WEST – EAST	MOD-029	303	840	JUNE – 2014	0	0	512	328	A
EAST – WEST	MOD-029	303	840	JUNE – 2014	0	0	0	840	A

DESERT BASIN – PINAL CENTRAL

WEST - EAST	MOD-029	0	450	JUNE -2014	0	0	450	0	B
EAST - WEST	MOD-029	0	450	JUNE-2014	0	0	450	0	B

TTC, TRM, CBM, CU and ATC values were collected on 7/20/2011 for SRP's estimated peak hour. All values are subject to change at any time.value can change at any time.

SRP NOTES

NOTES	
A	This project is still being studied and neither the in-service date nor the TTC/ETC/ATC is firm.
B	This project is still being studied and neither the in-service date nor the TTC/ETC/ATC is firm.

WestConnect TTC/ATC Workshop

SWTC Paths

Existing Paths For SWTC

Path Name	TTC DETERMINE BY	TTC (SWTC Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
APACHE115-PALOVERDE500							
APACHE115-PALOVERDE500	TO	19	0	0	0	19	
PALOVERDE500-APACHE115	TO	19	0	0	19	0	
APACHE115-VAIL345							
APACHE115-VAIL345	TO	193	0	0	170	23	
VAIL345-APACHE115	TO	108	0	0	108	0	
APACHE115-WESTWING500							
APACHE115-WESTWING500	TO	161	0	0	138	23	
WESTWING500-APACHE115	TO	108	0	0	108	0	
APACHE115-WINCHESTR345							
APACHE115-WINCHESTR345	TO	200	0	0	97	103	
WINCHESTR345-APACHE115	TO	108	0	0	40	68	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For SWTC

Path Name	TTC DETERMINE BY	TTC (SWTC Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
APACHE230-GREENLEE345							
APACHE230-GREENLEE345	TO	193	0	0	85	108	
GREENLEE345-APACHE230	TO	193	0	0	100	93	
APACHE230-GRENLESWT345							
APACHE230-GRENLESWT345	TO	193	0	0	85	108	
GRENLESWT345-APACHE230	TO	193	0	0	50	143	
APACHE230-PALOVERDE500							
APACHE230-PALOVERDE500	TO	19	0	0	0	19	
APACHE230-VAIL345							
APACHE230-VAIL345	TO	193	0	0	170	23	
VAIL345-APACHE230	TO	193	0	0	193	0	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For SWTC

Path Name	TTC DETERMINE BY	TTC (SWTC Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
APACHE230-WESTWING345							
APACHE230-WESTWING345	TO	161	0	0	138	23	
WESTWING345-APACHE230	TO	161	0	0	161	0	
APACHE230-WESTWING500							
APACHE230-WESTWING500	TO	161	0	0	138	23	
WESTWING500-APACHE230	TO	161	0	0	161	0	
APACHE230-WINCHESTR345							
APACHE230-WINCHESTR345	TO	420	0	0	100	320	
WINCHESTR345-APACHE230	TO	420	0	0	125	295	
BICKNELL230-VAIL345							
BICKNELL230-VAIL345	TO	193	0	0	170	23	
VAIL345-BICKNELL230	TO	193	0	0	193	0	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For SWTC

Path Name	TTC DETERMINE BY	TTC (SWTC Share)	TRM	CB M	COMMITTED USES	ATC	NOTE
DOSCONDAD230-WESTWING500							
DOSCONDAD230-WESTWING500	TO	161	0	0	138	23	
WESTWING500-DOSCONDAD230	TO	161	0	0	161	0	
GREENLEE345-APACHE115							
GREENLEE345-APACHE115	TO	108	0	0	40	68	
GREENLEE345-DOSCONDAD230							
GREENLEE345-DOSCONDAD230	TO	193	0	0	100	93	
GREENLEE345-GRENLESWT345							
GREENLEE345-GRENLESWT345	TO	193	0	0	100	93	
GRENLESWT345-GREENLEE345	TO	193	0	0	85	108	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For SWTC

Path Name	TTC DETERMINE BY	TTC (SWTC Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
GREENLEE345-HACKBERRY230							
GREENLEE345-HACKBERRY230	TO	193	0	0	100	93	

GREENLEE345-HAYDEN115							
GREENLEE345-HAYDEN115	TO	108	0	0	40	68	
HAYDEN115-GREENLEE345	TO	120	0	0	20	100	

GREENLEE345-MORENCI230							
GREENLEE345-MORENCI230	TO	193	0	0	100	93	
MORENCI230-GREENLEE345	TO	193	0	0	85	108	

GREENLEE345-PALOVERDE500							
GREENLEE345-PALOVERDE500	TO	19	0	0	0	19	
PALOVERDE500-GREENLEE345	TO	19	0	0	19	0	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For SWTC

Path Name	TTC DETERMINE BY	TTC (SWTC Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
GREENLEE345-VAIL345							
GREENLEE345-VAIL345	TO	193	0	0	170	23	
VAIL345-GREENLEE345	TO	193	0	0	193	0	
GREENLEE345-WESTWING345							
GREENLEE345-WESTWING345	TO	161	0	0	138	23	
WESTWING345-GREENLEE345	TO	161	0	0	161	0	
GREENLEE345-WESTWING500							
GREENLEE345-WESTWING500	TO	161	0	0	138	23	
WESTWING500-GREENLEE345	TO	161	0	0	161	0	
GRENLESWT345-MORENCI230							
GRENLESWT345-MORENCI230	TO	193	0	0	50	143	
MORENCI230-GRENLESWT345	TO	193	0	0	85	108	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For SWTC

Path Name	TTC DETERMINE BY	TTC (SWTC Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
GRENLESWT345-VAIL345							
GRENLESWT345-VAIL345	TO	193	0	0	170	23	
GRENLESWT345-VAIL345	TO	193	0	0	170	23	
GRENLESWT345-WESTWING345							
GRENLESWT345-WESTWING345	TO	161	0	0	138	23	
WESTWING345-GRENLESWT345	TO	161	0	0	161	0	
GRENLESWT345-WESTWING500							
GRENLESWT345-WESTWING500	TO	161	0	0	138	23	
WESTWING500-GRENLESWT345	TO	161	0	0	161	0	
MORENCI230-VAIL345							
MORENCI230-VAIL345	TO	193	0	0	170	23	
VAIL345-MORENCI230	TO	193	0	0	193	0	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For SWTC

Path Name	TTC DETERMINE BY	TTC (SWTC Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
MORENCI230-WESTWING500							
MORENCI230-WESTWING500	TO	161	0	0	138	23	
WESTWING500-MORENCI230	TO	161	0	0	161	0	
PALOVERDE500-PINALWEST500							
PALOVERDE500-PINALWEST500	TO	19	0	0	19	0	
PINALWEST500-PALOVERDE500	TO	19	0	0	0	19	
PALOVERDE500-VAIL345							
PALOVERDE500-VAIL345	TO	19	0	0	19	0	
VAIL345-PALOVERDE500	TO	19	0	0	0	19	
PALOVERDE500-WESTWING500							
PALOVERDE500-WESTWING500	TO	19	0	0	19	0	
WESTWING500-PALOVERDE500	TO	19	0	0	0	19	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For SWTC

Path Name	TTC DETERMINE BY	TTC (SWTC Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
PINALWEST500-VAIL345							
PINALWEST500-VAIL345	TO	222	0	0	143	79	
VAIL345-PINALWEST500	TO	222	0	0	98	124	
PINALWEST500-WESTWING500							
PINALWEST500-WESTWING500	TO	161	0	0	98	63	
WESTWING500-PINALWEST500	TO	161	0	0	124	37	
VAIL345-HACKBERRY230							
VAIL345-HACKBERRY230	TO	193	0	0	193	0	
VAIL345-VAIL345							
VAIL345-VAIL345	TO	193	0	0	193	0	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For SWTC

Path Name	TTC DETERMINE BY	TTC (SWTC Share)	TRM	CB M	COMMITTED USES	ATC	NOTE
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VAIL345-WESTWING345

VAIL345-WESTWING345	TO	161	0	0	98	63	
WESTWING345-VAIL345	TO	161	0	0	124	37	

VAIL345-WESTWING500

VAIL345-WESTWING500	TO	161	0	0	98	63	
WESTWING500-VAIL345	TO	161	0	0	124	37	

WESTWING345-HACKBERRY230

WESTWING345-HACKBERRY230	TO	161	0	0	161	0	

WESTWING345-WESTWING500

WESTWING345-WESTWING500	TO	161	0	0	98	63	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For SWTC

Path Name	TTC DETERMINE BY	TTC (SWTC Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
WESTWING500-BICKNELL230							
WESTWING500-BICKNELL230	TO	161	0	0	161	0	
WESTWING500-HACKBERRY230							
WESTWING500-HACKBERRY230	TO	161	0	0	161	0	
WINCHESTER345-GREENLEE345							
WINCHESTER345-GREENLEE345	TO	193	0	0	85	108	
WINCHESTER345-MORENCI230							
WINCHESTER345-MORENCI230	TO	420	0	0	165	255	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For SWTC

Path Name	TTC DETERMINE BY	TTC (SWTC Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
WINCHESTR345-APACHE115							
WINCHESTR345-APACHE115	TO	108	0	0	40	68	
WINCHESTR345-HACKBERRY230							
WINCHESTR345-HACKBERRY230	TO	420	0	0	165	255	
WINCHESTR345-WINCHESTR345							
WINCHESTR345-WINCHESTR345	TO	420	0	0	165	255	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

SWTC NOTES

NOTES	

WestConnect TTC/ATC Workshop

TEP Paths

Existing Paths For TEP

Path Name	TTC DETERMINE BY	TTC (TEP Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
PALO VERDE-PINAL WEST 500KV							
NORTH-SOUTH	OWNER	96	0	0	96	0	
SOUTH-NORTH	OWNER	96	0	0	0	96	
WESTWING-PINAL WEST 345KV							
NORTH-SOUTH	OWNER	511	25	0	486	0	
SOUTH-NORTH	OWNER	511	0	0	392	119	
PINAL WEST-SOUTH 345KV							
NORTH-SOUTH	OWNER	703	25	0	582	96	
SOUTH-NORTH	OWNER	703	0	0	392	311	
SOUTH-VAIL 345KV							
EAST-WEST	OWNER	703	0	0	0	703	
WEST-EAST	OWNER	703	0	0	591	173	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For TEP

Path Name	TTC DETERMINE BY	TTC (TEP Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
SAN JUAN-MCKINLEY 345KV							
NORTH-SOUTH	OWNER	1770	0	0	1314	271	
SOUTH-NORTH	OWNER	1770	0	0	1026	744	
MCKINLEY-SPRINGERVILLE 345KV							
NORTH-SOUTH	OWNER	1850	0	0	1399	451	
SOUTH-NORTH	OWNER	1850	0	0	1026	824	
SPRINGERVILLE-GREENLEE 345KV							
NORTH-SOUTH	OWNER	1797	0	0	1797	0	A
SOUTH-NORTH	OWNER	1797	0	0	809	988	A
GREENLEE-WINCHESTER 345KV							
NORTH-SOUTH	OWNER	1568	0	0	1510	58	
SOUTH-NORTH	OWNER	1568	0	0	529	1039	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For TEP

Path Name	TTC DETERMINE BY	TTC (TEP Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
WINCHESTER-VAIL 345KV							
NORTH-SOUTH	OWNER	1568	0	0	1510	58	
SOUTH-NORTH	OWNER	1568	0	0	604	964	
NAVAJO-WESTWING							
NORTH-SOUTH	OWNER	176	0	0	171	5	
SOUTH-NORTH	OWNER	176	0	0	0	176	
NAVAJO-MOENKOPI 345KV							
NORTH-SOUTH	OWNER	175	25	0	0	150	
SOUTH-NORTH	OWNER	175	0	0	0	175	
MOENKOPI-WESTWING 345KV							
NORTH-SOUTH	OWNER	175	25	0	0	150	
SOUTH-NORTH	OWNER	175	0	0	146	29	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Existing Paths For TEP

Path Name	TTC DETERMINE BY	TTC (TEP Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
SAN JUAN-SHIPROCK 345KV							
NORTH-SOUTH	OWNER	269	0	0	245	24	
SOUTH-NORTH	OWNER	269	0	0	185	84	
SHIPROCK-FOUR CORNERS 345KV							
NORTH-SOUTH	OWNER	300	0	0	210	90	
SOUTH-NORTH	OWNER	300	0	0	185	115	
SAN JUAN-FOUR CORNERS 345KV							
NORTH-SOUTH	OWNER	299	0	0	270	29	
SOUTH-NORTH	OWNER	299	0	0	150	149	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

TEP NOTES

NOTES	
A	Includes 200 MW for Springerville – Luna – Hidalgo – Greenlee path.

WestConnect TTC/ATC Workshop

WAPA DSW Paths

Updated 7/26/11

Paths For WALC

Path Name	TTC DETERMINE BY	TTC (WALC Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
WESTWING - MEAD (500KV LINE)							
WESTWING - MEAD	WECC	610	0	0	552	58	
MEAD - WESTWING	WECC	610	0	0	610	0	
WESTWING 500/230KV							
WESTWING 500 – WESTWING 230	TO	536	0	0	536	0	
WESTWING 230 – WESTWING 500	TO	412	0	0	412	0	
LIBERTY – MEAD (345KV LINE)							
LIBERTY – MEAD	WECC	450	0	0	450	0	
MEAD - LIBERTY	WECC	450	0	0	408	42	
MEAD 500/230KV							
MEAD 500 – MEAD 230	TO	500	0	0	449	51	
MEAD 230 – MEAD 500	TO	500	0	0	500	0	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Paths For WALC

Path Name	TTC DETERMINE BY	TTC (WALC Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
GLEN CANYON – SHIPROCK 345kV							
GLEN CANYON – SHIPROCK345	TO	300	0	0	300	0	
SHIPROCK345 - GLEN CANYON	TO	300	0	0	300	0	
SHIPROCK 345kV – SAN JUAN 345kV							
SHIPROCK345 – SAN JUAN345	TO	269	0	0	269	0	
SAN JUAN345 - SHIPROCK345	TO	269	0	0	269	0	
FOUR CORNERS 345KV – SAN JUAN 345KV							
FOUR CORNERS345 – SAN JUAN345	TO	299	0	0	299	0	
SAN JUAN345 - FOUR CORNERS345	TO	299	0	0	299	0	
FOUR CORNERS 345KV – SHIPROCK 345KV							
FOUR CORNERS345 – SHIPROCK345	TO	300	0	0	300	0	
SHIPROCK345– FOUR CORNERS345	TO	300	0	0	300	0	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

Paths For WALC

Path Name	TTC DETERMINE BY	TTC (WALC Share)	TRM	CBM	COMMITTED USES	ATC	NOTE
MEAD – MARKETPLACE (500KV LINE)							
MEAD500 – MARKETPLACE 500	TO	814	0	0	147	667	
MARKETPLACE 500 - MEAD500	TO	814	0	0	814	0	
GLEN CANYON – PINNACLE PEAK (345KV LINE)							
GLEN CANYON – PINNACLE PEAK	TO	1494	0	0	1357	137	
PINNACLE PEAK - GLEN CANYON	TO	1494	0	0	1337	157	

“Committed Use” values are today’s estimated peak values and will vary with season and time-of-day.

