Issued by: N. Beth Emery, General Counsel and Vice President

Issued on: June 1, 1998 Effective: March 31, 1998

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 385
ORIGINAL VOLUME NO. II	Original Sheet No. 363

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 386
ORIGINAL VOLUME NO. II	Original Sheet No. 300

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 387
ORIGINAL VOLUME NO. II	Original Sheet No. 367

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 388
ORIGINAL VOLUME NO. II	Original Sheet No. 300

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 389
ORIGINAL VOLUME NO. II	Original Sheet No. 309

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 390
ORIGINAL VOLUME NO. II	Original Sheet No. 390

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 391
ORIGINAL VOLUME NO. II	Original Sheet No. 391

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 392
ORIGINAL VOLUME NO. II	Original Sheet No. 392

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 393
ORIGINAL VOLUME NO. II	Original Sheet No. 393

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 394
ORIGINAL VOLUME NO. II	Original Sheet No. 394

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 395
ORIGINAL VOLUME NO. II	Original Sheet No. 393

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 396
CITIONAL VOLCIVIE IVO. II	Original Officer 140: 000

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 397
ORIGINAL VOLUME NO. II	Original Sheet No. 397

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 398
ORIGINAL VOLUME NO. II	Original Sheet No. 390

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 399
ORIGINAL VOLUME NO. II	Original Sheet No. 399

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 400
CITIONAL VOLCIME IVO. II	Original Officer No. 400

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 401
CITIONAL VOLUME IVO. II	Original offect No. 401

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CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 402
CITIONAL VOLCIME IVO. II	Original Officet No. 402

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 403
CITIONAL VOLUME IVO. II	Original Officer No. 400

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 404
CITIONAL VOLCIME IVO. II	Original Officet No. 404

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 405
CITIONAL VOLCIME IVO. II	Original Officer No. 400

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 406
CITIONAL VOLCIME IVO. II	Original Officet No. 400

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 407
CITIONAL VOLUME IVO. II	Original Officer No. 407

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 408
CITIONAL VOLUME IVO. II	Original officer No. 400

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 409
CITIONAL VOLCIME IVO. II	Original Officer No. 400

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 410
CITIONAL VOLCIME IVO. II	Original Officer No. 410

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 411
ORIGINAL VOLUME NO. II	Original Sheet No. 411

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 412
CITIONAL VOLCIME IVO. II	Original Officet No. 412

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 413
CITIONAL VOLUME IVO. II	Original Officer No. 410

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 414
CITIONAL VOLCIME IVO. II	Original Officer No. 414

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 415
CITIONAL VOLCIME IVO. II	Original Officer No. 410

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 416
CITIONAL VOLCIVIE IVO. II	Original Officer No. 410

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 417
CITIONAL VOLUME IVO. II	Original Office No. 417

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 418
CITIONAL VOLCIME IVO. II	Original Officer No. 410

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 419
CITIONAL VOLCIME IVO. II	Original Officet No. 410

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 420
ORIGINAL VOLUME NO. II	Original Sheet No. 420

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 421
CITIONAL VOLUME IVO. II	Original Office No. 421

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 422
CITIONAL VOLCIME IVO. II	Original Officet No. 422

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 423
ORIGINAL VOLUME NO. II	Original Sheet No. 423

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 424
ONIONAL VOLONIL IVO. II	Original Gridel No. 121

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 425
CITIONAL VOLCIME IVO. II	Original Officet No. 420

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 426
CITIONAL VOLCIME IVO. II	Original Officet No. 420

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 427
CITIONAL VOLUME IVO. II	Original Office No. 427

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 428
CITIONAL VOLUME IVO. II	Original Officer No. 420

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 429
CITIONAL VOLCIME IVO. II	Original Officet No. 420

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 430
CITIONAL VOLCIME IVO. II	Original Officet No. 400

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CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 431
CHOMAL VOLUME NO. II	Original officer No. 401
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CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 432
CITIONAL VOLCIME IVO. II	Original Officer No. 402

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 433
ORIGINAL VOLUME NO. II	Oliginal Sheet No. 433

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 434
CITIONAL VOLCIME IVO. II	Original Officer No. 404

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 435
CITIONAL VOLCIME IVO. II	Original Officet No. 400

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 436
CITIONAL VOLCIME IVO. II	Original Officer No. 400

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 437
CINIONAL VOLCIME INC. II	Original officet No. 407

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 438
CITIONAL VOLCIME IVO. II	Original Officer No. 400

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 439
CITIONAL VOLCIVIE IVO. II	Original Officet No. 400

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 440
CITIONAL VOLCIME IVO. II	Original Officet No. 440

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 441
CITIONAL VOLUME IVO. II	Original officer No. 441

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 442
CITIONAL VOLCIME IVO. II	Original Officet No. 442

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 443
ORIGINAL VOLUME NO. II	Oliginal Sheet No. 443

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 444
CITIONAL VOLCIME IVO. II	Original Officet No. 444

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 445
CITIONAL VOLCIVIE IVO. II	Original officer No. 440

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 446
CITIONAL VOLCIME IVO. II	Original Officet No. 440

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 447
CITIONAL VOLUME IVO. II	Original Officer No. 447

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 448
CITIONAL VOLUME IVO. II	Original Officer No. 440

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 449
CITIONAL VOLCIME IVO. II	Original Officer No. 440

PERC ELECTRIC TARTIF ORIGINAL VOLUME NO. II  Original Sheet No. 450  Original Sheet No. 450	CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
ONOTIVE VOLUME INC. II	FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 450
	CINORAL VOLCIME INC. II	Original Officer No. 400

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 451
ORIGINAL VOLUME NO. II	Oliginal Sheet No. 431

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 452
CITIONAL VOLCIME IVO. II	Original Officer No. 402

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 453
CITION VIE VOLCINE IVO. II	Original Chook No. 100

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 454
CITIONAL VOLCIME IVO. II	Original Officer No. 404

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 455
ORIGINAL VOLUME NO. II	Original Sheet No. 455

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 456
CITIONAL VOLCIVIE IVO. II	Original Officer No. 400

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 457
CITIONAL VOLCIME IVO. II	Original Officet No. 407

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 458
ORIGINAL VOLUME NO. II	Oliginal Sheet No. 436

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 459
ORIGINAL VOLUME NO. II	Original Sheet No. 459

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 460
CITIONAL VOLCIME IVO. II	Original Officer No. 400

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 461
CITIONAL VOLUME IVO. II	Original offect No. 401

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 462
CITIONAL VOLCIME IVO. II	Original Officet No. 402

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 463
CITIONAL VOLUME IVO. II	Original Officer No. 400

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 464
CITIONAL VOLCIME IVO. II	Original Officer No. 404

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 465
CINONAL VOLCIVIE IVO. II	Original officer No. 400

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 466
CITIONAL VOLCIME IVO. II	Original Oricet No. 400

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 467
CITIONAL VOLUME IVO. II	Original Officer No. 407

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 468
CITIONAL VOLUME IVO. II	Original Officer No. 400

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 469
CITIONAL VOLCIVIE IVO. II	Original Officet No. 400

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 470
CITIONAL VOLCIME IVO. II	Original Officet No. 470

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 471
ONIONAL VOLONIE IVO. II	Original Original 171

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 472
ONIONAL VOLONIE NO. II	Original Oriode No. 172

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 473
ONIONAL VOLONIE IVO. II	Original Check 140. 170

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 474
ONIONAL VOLONIE IVO. II	original origotito. 17 1

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 475
CITIONAL VOLUME IVO. II	Original Officer No. 470

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 476
CITIONAL VOLUME IVO. II	Original Officer No. 470

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 477
CINONAL VOLCIME NO. II	Original Office 140. 477

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 478
ONIONAL VOLONIE IVO. II	Original Check 140. 170

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 479
CITIONAL VOLCIME IVO. II	Original Officet No. 470

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 480
CITIONAL VOLCIME IVO. II	Original Officer No. 400

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 481
CHOMAL VOLUME NO. II	Original officer No. 401

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 482
CITIONAL VOLCIME IVO. II	Original Officet No. 402

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 483
CITIONAL VOLUME IVO. II	Original Officer No. 400

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 484
CITIONAL VOLCIME IVO. II	Original Officer No. 404

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 485
CITIONAL VOLCIME IVO. II	Original Officet No. 400

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 486
CITIONAL VOLCIME IVO. II	Original Officer No. 400

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 487
CHOMAL VOLUME NO. II	Original officer No. 407

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 488
CITIONAL VOLCIME IVO. II	Original Officet No. 400

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 489
CITIONAL VOLCIME IVO. II	Original Officet No. 400

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 490
CITIONAL VOLCIME IVO. II	Original Officet No. 400

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 491
ORIGINAL VOLUME NO. II	Original Sheet No. 491

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 492
CITIONAL VOLCIME IVO. II	Original Officet No. 402

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 493
CITIONAL VOLCIVIE IVO. II	Original Officer No. 400

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 494
CITIONAL VOLCIME IVO. II	Original Officet No. 404

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 495
ORIGINAL VOLUME NO. II	Original Sheet No. 493

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 496
CITIONAL VOLCIME IVO. II	Original Officer No. 400

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 497
ONIONAL VOLONIE NO. II	Original Officer No. 407

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 498
ORIGINAL VOLUME NO. II	Oliginal Sheet No. 496

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 499
ORIGINAL VOLUME NO. II	Original Sheet No. 499

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 500
CITIONAL VOLCIME IVO. II	Original Oricet No. 000

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 501
ORIGINAL VOLUME NO. II	Original Sheet No. 501

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 502
ORIGINAL VOLUME NO. II	Original Sheet No. 302

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 503
ORIGINAL VOLUME NO. II	Original Sheet No. 505

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 504
CITIONAL VOLCIME IVO. II	Original Officer 140: 004

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 505
ORIGINAL VOLUME NO. II	Original Sheet No. 505

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 506
ORIGINAL VOLUME NO. 11	Original Sheet No. 500

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 507
ORIGINAL VOLUME NO. II	Original Sheet No. 307

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 508
ORIGINAL VOLUME NO. II	Original Sheet No. 506

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 509
ORIGINAL VOLUME NO. II	Original Sheet No. 509

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 510
CITIONAL VOLCIVIE IVO. II	Original Officer 140: 010

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 511
CHOMAL VOLUME NO. II	Original officer No. 011

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 512
CITIONAL VOLCIME IVO. II	Original Officer No. 012

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FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II Original Sheet No. 513

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 514
ONONAL VOLUME NO. II	Original Officer 140: 514

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 515
CITIONAL VOLCIME IVO. II	Original Officet No. 010

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 516
CITIONAL VOLCIME IVO. II	Original Officer No. 010

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 517
CITIONAL VOLUME IVO. II	Original Officer No. 017

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 518
CITIONAL VOLCIME IVO. II	Original Oricet No. 010

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 519
CITIONAL VOLCIVIE IVO. II	Original Officer 140: 010

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 520
CITIONAL VOLCIME IVO. II	Original Officer No. 020

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 521
CITIONAL VOLUME IVO. II	Original Officer No. 021

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 522
CINONAL VOLCIVIE IVO. II	Original Officet 140: 022

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 523
CITIONAL VOLCIME IVO. II	Original Officer No. 020

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 524
CITIONAL VOLCIVIE IVO. II	Original Officer No. 024

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 525
CITIONAL VOLCIME IVO. II	Original Officer 140: 020

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 526
CITIONAL VOLCIME IVO. II	Original Officer No. 020

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 527
CITIONAL VOLCIME IVO. II	Original Officet No. 027

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 528
CITIONAL VOLCIME IVO. II	Original Officer No. 020

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 529
CINONAL VOLCIVIE IVO. II	Original Officer 140: 020

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 530
CITIONAL VOLCIME IVO. II	Original Officer No. 000

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 531
CITIONAL VOLUME IVO. II	Original Officer No. 001

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 532
CITIONAL VOLCIME IVO. II	Original Officet 140: 002

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 533
CITIONAL VOLCIME IVO. II	Original Officer No. 000

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 534
CITIONAL VOLCIVIE IVO. II	Original Officer 140: 004

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 535
CITIONAL VOLCIME IVO. II	Original Oricet No. 000

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CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 536
CITIONAL VOLCIME IVO. II	Original Officer No. 000

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 537
CITIONAL VOLUME IVO. II	Original Officer No. 007

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 538
ORIGINAL VOLUME NO. II	Original Sheet No. 556

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 539
CITIONAL VOLCIVIE IVO. II	Original Officer 140: 000

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 540
CITIONAL VOLCIME IVO. II	Original Officer No. 040

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 541
CITIONAL VOLUME IVO. II	Original Officer No. 041

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 542
CITIONAL VOLCIME IVO. II	Original Officer No. 042

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 543
CITIONAL VOLCIME IVO. II	Original Officer No. 040

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 544
CITIONAL VOLCIVIE IVO. II	Original officer No. 044

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 545
CITIONAL VOLCIME IVO. II	Original Officer No. 040

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 546
CITIONAL VOLCIME IVO. II	Original Officer No. 040

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 547
CITIONAL VOLUME IVO. II	Original offect No. 047

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 548
CITIONAL VOLCIME IVO. II	Original Officer No. 040

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 549
CITIONAL VOLCIVIE IVO. II	Original Officer 140: 040

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 550
CITIONAL VOLCIME IVO. II	Original Officer No. 000

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 551
ORIGINAL VOLUME NO. II	Original Sheet No. 331

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 552
CITIONAL VOLCIVIE IVO. II	Original Officer 140: 002

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 553
ONONAL VOLUME NO. II	Original Officet 140: 555

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 554
CITIONAL VOLCIVIE IVO. II	Original Officer 140: 004

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 555
CITIONAL VOLCIME IVO. II	Original Officer No. 000

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 556
CITIONAL VOLUME IVO. II	Original Officer No. 000

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 557
ORIGINAL VOLUME NO. II	Original Sheet No. 557

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 558
CITIONAL VOLCIME IVO. II	Original Oricet No. 000

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 559
CITIONAL VOLCIVIE IVO. II	Original Officer 140: 000

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 560
ONONAL VOLUME NO. II	Original Officet 140: 500

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 561
CINONAL VOLCIVIE IVO. II	Original Officer 140. 001

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 562
CITIONAL VOLCIVIE IVO. II	Original Officer 140: 002

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 563
CITIONAL VOLCIVIE IVO. II	Original Officer 140: 000

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 564
CITIONAL VOLCIVIE IVO. II	Original Officer 140: 004

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 565
ORIGINAL VOLUME NO. 11	Original Sheet No. 303

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 566
ONONAL VOLUME NO. II	Original Officer 140: 500

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 567
ORIGINAL VOLUME NO. II	Original Sheet No. 507

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 568
ORIGINAL VOLUME NO. II	Original Sheet No. 300

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 569
ORIGINAL VOLUME NO. II	Original Sheet No. 309

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 570
CITIONAL VOLCIME IVO. II	Original Officer 140: 070

PERC ELECTRIC MARIF ORIGINAL VOLUME NO. II Original Sheet No. 571	CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
ONOTIVE VOLUME INC. II  Organic Growt (10. 2)	FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 571
	CINORAL VOLCIME INC. II	Original Office 140. 071

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 572
CITIONAL VOLCIVIE IVO. II	Original Officer No. 072

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 573
CITIONAL VOLCIME IVO. II	Original Officer No. 070

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 574
CITIONAL VOLCIME IVO. II	Original Officer No. 074

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 575
ONONAL VOLUME NO. II	Original Officet 140: 575

PERC ELECTRIC TARTIFF ORIGINAL VOLUME NO. II  Original Sheet No. 576	CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
ONOTIVE VOLUME INC. II  Organic Group Inc. II	FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 576
	CITIONAL VOLCIME IVO. II	Original Oricet No. 070

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 577
ORIGINAL VOLUME NO. II	Original Sheet No. 377

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 578
CITIONAL VOLCIME IVO. II	Original Officer No. 070

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 579
CITIONAL VOLCIME IVO. II	Original Officer 140: 070

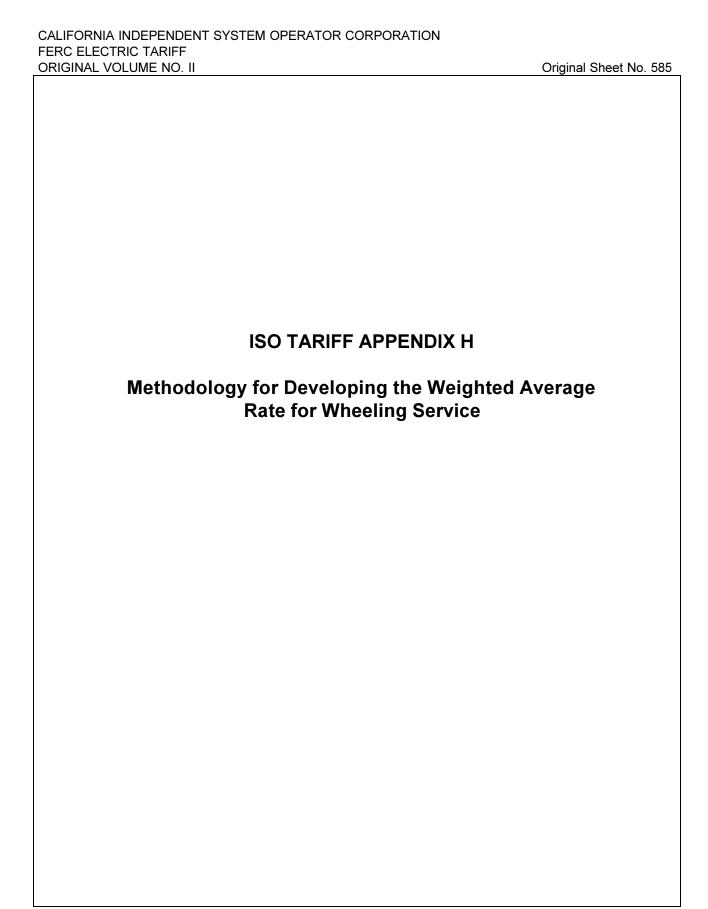
CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 580
CITIONAL VOLCIME IVO. II	Original Oricet No. 000

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 581
CITIONAL VOLUME IVO. II	Original Officer No. 001

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 582
CITIONAL VOLCIVIE IVO. II	Original Officer 140: 002

PERC ELECTRIC TARTIFF ORIGINAL VOLUME NO. II  Original Sheet No. 583  Original Sheet No. 583	CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
ONOTIVE VOLUME INC. II  Organic Grock Inc. II  Organic Grock Inc. II  Organic Grock Inc. III  Organic	FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 583
	CITIONAL VOLCIVIE IVO. II	Original Office 140. 000

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	Original Sheet No. 584
CITIONAL VOLCIVIE IVO. II	Original Officer 140: 004



Issued by: N. Beth Emery, General Counsel and Vice President

## **Methodology for Developing the Weighted Average Rate for Wheeling Service**

The weighted average rate payable for Wheeling over joint facilities at each Scheduling Point shall be calculated as follows:

WBAC = 
$$\sum \left( P_n \times \frac{Q_n}{\sum Q_n} \right)$$

Where:

WBAC = Weighted-average Wheeling Access Charge for each ISO Scheduling Point

P<sub>n</sub> = The Wheeling Access Charge rate for a Participating TO<sub>n</sub> in \$/kWh as set forth in Section 5 of the TO Tariff.

Q<sub>n</sub> = The Available Transfer Capacity (in MW), whether from transmission ownership or contractual entitlements, of each Participating TO<sub>n</sub> for each ISO Scheduling Point which has been placed within the ISO Controlled Grid. Available Transfer Capacity shall not include capacity associated with Non-Converted Rights and Existing Rights of a Participating TO as defined in Section 2.4.4 of the ISO Tariff.

n = the number of Participating TOs from 1 to n

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CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF	Sheet No. 587
ORIGINAL VOLUME NO. II	
ICO TADICE ADDENDIVI	
ISO TARIFF APPENDIX I	
ISO Congestion Management Zones	
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Issued by: N. Beth Emery, General Counsel and Vice President Issued on: September 27, 1999 Effective: Upon notice after November 26, 1999

#### **ISO Congestion Management Zones**

- 1. Active Zones
  - A. Northern Zone (NP15)
  - B. Central Zone (ZP26)
  - C. Southern Zone (SP15)
- 2. Inactive Zones
  - A. Humboldt Zone
  - B. San Francisco Zone

Note: The ISO's Initial Congestion Management Zones were described in the Joint Application of the IOUs for Authorization to Convey Operational Control of Designated Jurisdictional Facilities to an ISO filed April 29, 1996, Docket No. EC96-19-000.

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Issued on: September 27, 1999 Effective: Upon notice after November 26, 1999

Issued by: N. Beth Emery, General Counsel and Vice President

### **End-Use Meter Standards & Capabilities Part A**

#### **END-USE METER STANDARDS & CAPABILITIES**

**End Use Meter Standards.** All metering shall be of a revenue class metering accuracy in accordance with the ANSI C12 standards on metering and any other requirements of the relevant UDC or Local Regulatory Authority that may apply. Such requirements may apply to meters, current transformers and potential transformers, and associated equipment. ANSI C12 metering standards include the following:

- ANSI C12.1 American National Standard Code For Electricity Metering
- ANSI C12.4 American National Standard For Mechanical Demand Registers
- ANSI C12.5 American National Standard For Thermal Demand Meters
- ANSI C12.6 American National Standard For Marking And Arrangement Of Terminals For Phase-Shifting Devices Used In Metering
- ANSI C12.7 American National Standard For Watt-hour Meter Sockets
- ANSI C12.8 American National Standard For Test Blocks And Cabinets For installation Of Self-Contained A-Base Watt-hour Meters
- ANSI C12.9 American National Standard For Test Switches For Transformer-Rated Meters
  - ANSI C12.10 American National Standard For Electromechanical Watt-hour Meters
  - ANSI C12.11 American National Standard For Instrument Transformers For Revenue Metering, 10 kV BIL Through 350 kV BIL
  - ANSI C12.13 American National Standard For Electronic Time-Of -Use Registers For Electricity Meters
  - ANSI C12.14 American National Standard For Magnetic Tape Pulse Recorders For Electricity Meters
  - ANSI C12.15 American National Standard For Solid-State Demand Registers For Electromechanical Watt-hour Meters
  - ANSI C12.16 American National Standard For Solid-State Electricity Meters

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# CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II

Original Sheet No. 591

ANSI C12.17 - American National Standard For Cartridge-Type Solid-State Pulse Recorders For Electricity Metering

ANSI C12.18 - American National Standard For Protocol Specification For ANSI Type 2 Optical Port

Part B

PARTICIPATING SELLERS METER STANDARDS AND CAPABILITIES

Issued by: N. Beth Emery, General Counsel and Vice President

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF	First Revised Sheet No. 592
ORIGINAL VOLUME NO. II	Replacing Original Sheet No. 592
ISO TARIFF APPENDIX K	
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CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION
FERC ELECTRIC TARIFF

First Revised Sheet No. 593 Replacing Original Sheet No. 593

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CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION
FERC ELECTRIC TARIFF
ORIGINAL VOLUME NO. II

First Revised Sheet No. 594 Replacing Original Sheet No. 594

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CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION
FERC ELECTRIC TARIFF
ORIGINAL VOLUME NO II

First Revised Sheet No. 595 Replacing Original Sheet No. 595

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CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION
FERC ELECTRIC TARIFF
OPIGINAL VOLUME NO II

First Revised Sheet No. 596

ORIGINAL VOLUME NO. II	Replacing Original Sheet No. 596
[PAGE NOT USED]	

CALIFORNIA INDEPENDENT SYSTEM OPERA FERC ELECTRIC TARIFF ORIGINAL VOLUME NO. II	ATOR CORPORATION	First Revised Sheet No. 597 Replacing Original Sheet No. 597
	[PAGE NOT USED]	

CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION	
FERC ELECTRIC TARIFF	First Revised Sheet No. 598
ORIGINAL VOLUME NO. II	Replacing Original Sheet No. 598
ISO TARIFF APPENDIX L	
130 TARIFF AFFENDIA L	
ISO Protocols	

FERC ELECTRIC TARIFF		First Revised Sheet No. 599
ORIGINAL VOLUME NO. II		Replacing Original Sheet No. 599
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CALIFORNIA INDEPENDENT SYSTEM OPERATOR CORPORATION