

## DSIP EG – Hosting Capacity

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- CA Distributed Resource Plans (DRP)
  - Integration Capacity Analysis
  - Objective: to make the distribution system “plug and play”
- NY REV
  - Distributed System Implementation Plan (DSIP)



# DSIP EG – Hosting Capacity

## SCE DERiM

ArcGIS **DERiM Web Map**

Sign In

Details | Basemap

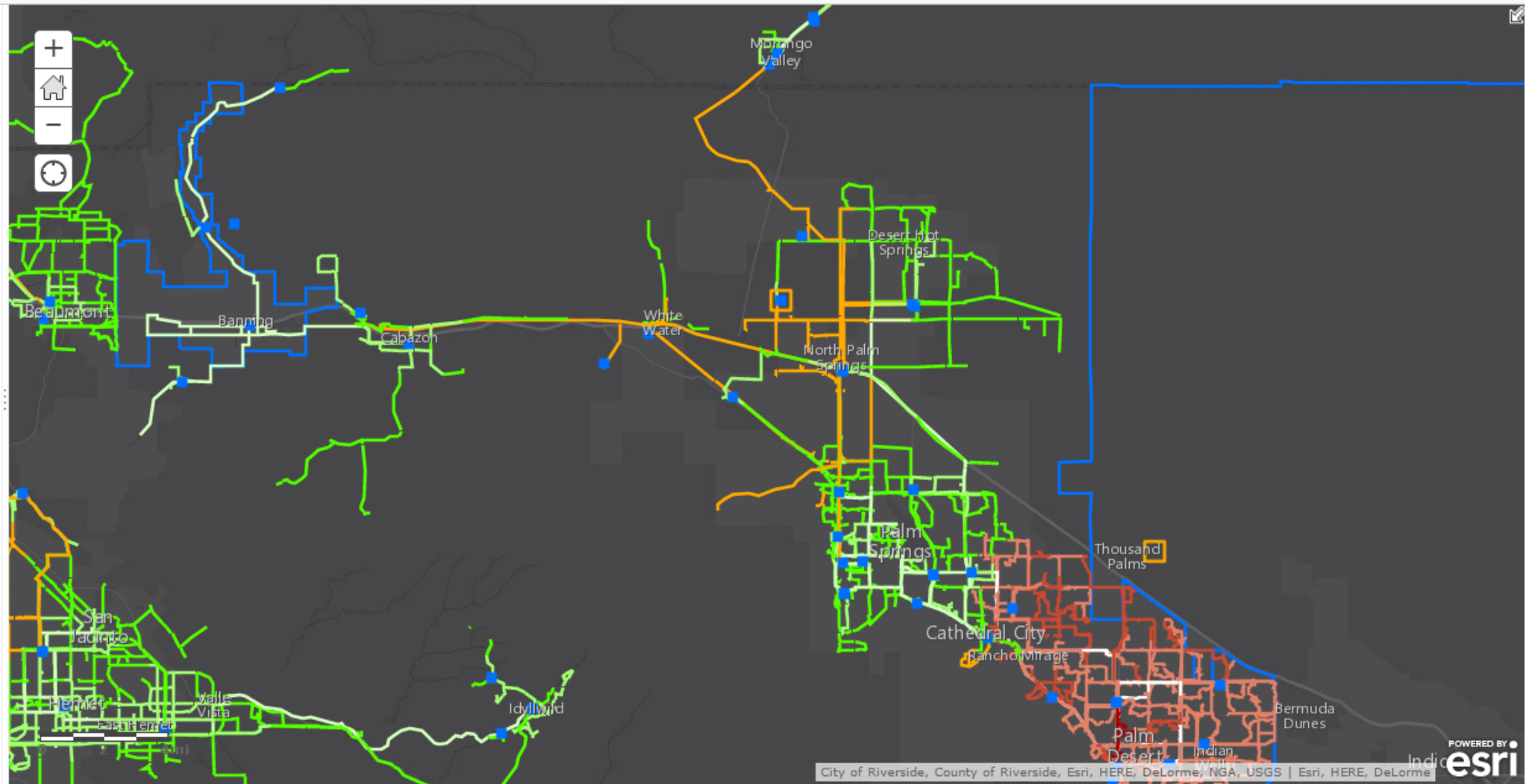
Share | Print | Measure

Desert Hot Springs, California, United States

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### Contents

- ☒ Substations
- ☒ ICA - Circuit Segments
- ☒ ICA - Potentially Constrained Circuit Segments
- ☐ RAM - Circuits
- ☐ RAM - Potentially Constrained Circuits
- ☐ Transmission Circuits
- ☒ SCE Service Territory
- ☒ Dark Gray Canvas



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### SCE DERiM Filtering

- › Covers both generation and load-based DER
- › Granular down to line segment
- › Filters help eliminate facilities that do not meet development criteria

#### Filter: ICA - Circuit Segments

Create

+ Add another expression

☐ Add a set

Display features in the layer that match the following expression

Integration Capacity,  1.5

☐ Value ☐ Field ☒ Unique

☐ Ask for values

APPLY FILTER

APPLY FILTER AND ZOOM TO

CLOSE

## Hosting Capacity & Interconnection Process

### ▸ Hosting Capacity characteristics

- Voltage
- Loading
- Protection
- Power Quality

### ▸ Fast Track / Expedited Screens

- Penetration Screens (100% min load)
- Power Quality & Voltage
- Safety & Reliability

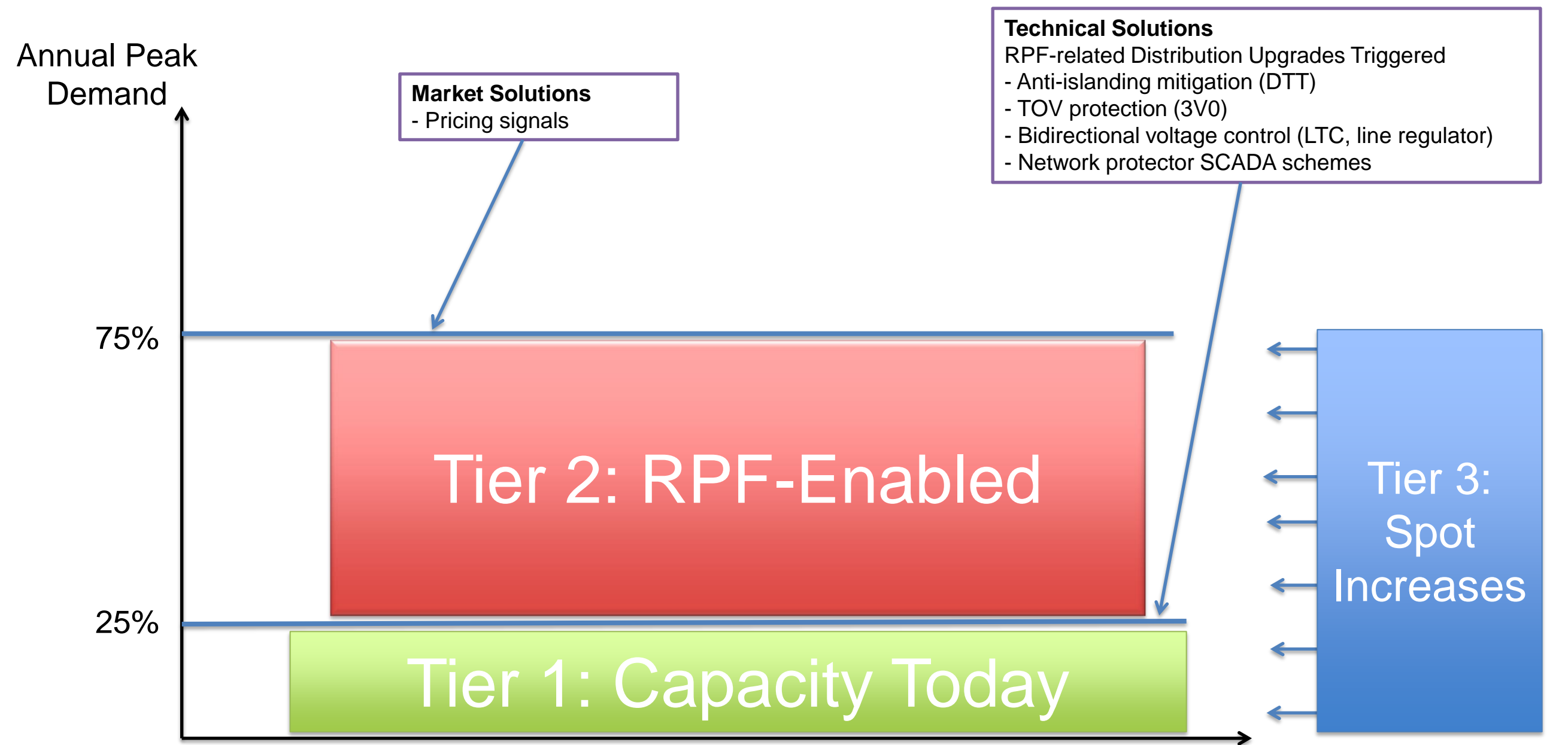
**Table 2 - Expedited Process Time Frames (Note 1)**

	Expedited
Eligible Facilities	Listed DG
Acknowledge Receipt of Application (Note 2)	(3 days)
Review Application for Completeness	10 days
Complete Review of All Screens	25 days
Complete Supplemental Review (if needed) (Note 3)	20 days or Standard Process
Complete Standard Process Initial Review	N/A
Send Follow-on Studies Cost/Agreement	N/A
Complete Impact Study (if needed)	N/A
Complete Detailed Study (if needed)	N/A
Send Executable Agreement (Note 4)	10 days
Total Maximum Days (Note 5)	45 days (65 days if Supplemental Review is required)
Construction Schedule	By Mutual Agreement
Witness Test	Within 10 days from receipt of the Certificate of Completion or by mutual agreement

Hosting  
Capacity /  
ICA Maps



## Current Hosting Capacity





## DSIP EG – Hosting Capacity



*Easton Landfill 1,856 kWdc – Easton, MA*



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